

# Search report

S1 791 (MEDICINE? OR MEDICAL OR HEALTH OR TREATMENT OR THERAPY OR  
THERAPIES OR CARE) (2N) (RECORD? OR DOCUMENT? OR FILE? OR REPOR-  
T? OR BRIEF? OR INFORMATION) OR EMR

S2 11353 PATIENT? OR INVALID OR SUBJECT? OR (SICK OR ILL) ( ) PERSON? -  
OR INDIVIDUAL OR PERSONAL OR PRIVATE?

S3 13528 (THIRD OR 3RD OR OUTSIDE) ( ) (PARTY OR PARTIES) OR FRIEND? OR  
FAMILY ( ) MEMBER? OR RELATIVE? OR RELATION? OR LAWYER? OR ATTO-  
RN? OR ADVOCATE? OR GUARDIAN? OR AGENT? OR CUSTODIA? OR REPRE-  
SENTATIVE?

S4 2539 HEALTH (2W) (PROFESSIONAL? OR PROVIDER?) OR DOCTOR? OR PHYSI-  
CIAN? OR MD OR NURSE? OR RN OR LPN OR CLINICIAN? OR SPECIALIS-  
T? OR THERAPIST? OR LAB? ( ) TECHNICIAN? OR PHARMACIST? OR DRUGG-  
IST? OR INSURANCE OR HMO OR PPO OR MEDICAID OR MEDICARE

S5 15828 PROFILE? OR HISTORY? OR RECORD? OR TARGET? OR CUSTOMIZ? OR  
(INDIVIDUAL OR PERSONAL) ( ) (SPECIFICATION? OR GOAL? OR OBSERVA-  
TION? OR ADVISE OR ADVICE OR RECOMMEND?)

S6 44326 AD OR ADS OR ADVERT? OR PUBLIC? OR PLACARD OR COMMERCIAL -  
OR PROMO? OR BANNER? OR CATALOG? OR DESKTOP ( ) BRAND? OR POPUND-  
ER OR POPUP OR POP ( ) (UNDER OR UP) OR COMMERCIAL ( ) (MESSAGE? OR  
SPOT?) OR SUBSICIZ? OR SUPPORT? OR FINANC? OR ASSIST?

S7 8891 QUESTIONNA? OR SURVEY? OR INQUIR? OR STUDY OR STUDIES OR C-  
ANVASS? OR POLL OR POLLS OR RESEARCH? OR INVESTIGAT?

S8 35498 INCENTIVE? OR INDUCEMENT? OR ENCOURAGEMENT? OR LURE? OR BO-  
NUS OR POINT? OR AWARD? OR PREMIUM? OR REWARD? OR PROGRAM? OR  
COUPON?

S9 3621 TELEMEDICINE OR (LONG ( ) DISTANCE OR REMOTE) ( ) MEDICINE OR TE-  
LECOMMUNICAT? OR HEALTH ( ) CARE ( ) SERVICE? OR (OFF ( ) SITE OR OFFS-  
ITE) ( ) DATABASE? OR TELEHEALTH OR TELEHEALING OR TELE ( ) (HEALTH  
OR HEALING OR MEDICINE) OR HOME ( ) CARE

S10 47214 WWW OR W ( ) W ( ) W OR WORLDWIDE ( ) WEB OR WORLD ( ) WIDE ( ) WEB OR IN-  
TERNET OR ONLINE OR ON ( ) LINE OR COMMUNICAT? OR (CONNECTED OR -  
COMPUTER) ( ) NETWORK? OR ELECTRONIC OR DIGITAL

S11 0 S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9

S12 24 S1 AND S2 AND S3 AND S4 AND S5

S13 1 S12 AND S9

S14 1 S13 AND S10

S15 0 S13 AND S7

S16 1 S13 AND S6

S17 0 S13 AND S8

S18 1 S13 OR S14 OR S16

S19 461 S1 AND S10

S20 284 S19 AND (S3 OR S4)

S21 122 S20 AND S6

S22 24 S21 AND S7

S23 15 S22 AND S5

S24 5 S23 AND S8

S25 6 S18 OR S24

S26 3 S25 NOT PY>2000

S27 3 S26 NOT PD>20000324

S28 2 RD (unique items)

File 256:SoftBase:Reviews,Companies&Prods. 85-2002/Apr  
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28/5/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00097090 DOCUMENT TYPE: Review

PRODUCT NAMES: OpenDoc (833371); JavaBeans (622141)

TITLE: Just what the OpenDoc ordered  
AUTHOR: Gaudin, Sharon  
SOURCE: Computerworld, v30 n48 p47(2) Nov 25; 1996  
ISSN: 0010-4841  
HOMEPAGE: <http://www.computerworld.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

A **research** group at the University of Utah use OpenDoc and Sun Microsystems' Java Beans to help **physicians** in diagnosing and treating patients. The application development group includes staff from IBM, CogniTech, and ESI Technology, and hopes their work will **assist** PC-based medical professionals in hospitals and clinics in gaining access to the most current **information** available for **medical research**, clinical testing, and diagnostics. OpenDoc on the desktop and Java Beans over the **Internet**, it is hoped, will result in a useful tool for staying abreast of new developments in a constantly changing informational and **research** environment and will allow health care installations to **customize** their internally developed applications. Many patients see a **physician's assistant**, who will use the new tools to decide when a **doctor** has to be consulted and when not. The application, which can be used in examining rooms, will allow medical professionals to enter the patient's health background and symptoms into a PC and to receive advice on what tests to run, symptoms to watch for, and possible diagnoses. OpenDoc and Java Beans components will ensure that the application can be kept current because these technologies allow IS departments to easily delete and replace blocks of information.

COMPANY NAME: Vendor Independent (999999); Sun Microsystems Inc (385557)  
DESCRIPTORS: **Communications** Standards; Integration Software; **Program** Development; Java; Training; Medical Diagnosis; Health Care; Patient Care  
REVISION DATE: 19990830

28/5/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00084745 DOCUMENT TYPE: Review

PRODUCT NAMES: Health Care (830400); Client/server (832383)

TITLE: **Technology Watch: LAN Client/Server Software**  
AUTHOR: Ream, Tom  
SOURCE: Healthcare Informatics, v12 n10 p88(1) Oct 1995  
ISSN: 1050-9135

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

A recent **survey** of health care companies' CIOs indicates that 70 percent of such organizations use client/server systems, with 90 percent of installed c/s software used for clinical, ancillary, **financial**, administrative, and decision- **support** tasks. Applications **supported** include order entry and results reporting, surgery and **nurse** scheduling, **medical records**, **research**, pharmacy, labs, patient and general accounting, spreadsheets, human resources, e-mail, and executive information systems. Such LAN-based systems provide ease of use, flexibility, up-to-date technology, and full-featured applications. Other benefits include lower costs, fast development and implementation, scalability of **program** codes, and more available tools. IS reports more effective training, better data access and **communications**, central data management, and distributed processing advances.

COMPANY NAME: Vendor Independent (999999)

DESCRIPTORS: Health Care; Network Software; Client/server; Distributed Processing; Health Care Facilities; Hospitals

REVISION DATE: 19960330

# Search report

S1 127391 (MEDICINE? OR MEDICAL OR HEALTH OR TREATMENT OR THERAPY OR THERAPIES OR CARE) (2N) (RECORD? OR DOCUMENT? OR FILE? OR REPORT? OR BRIEF? OR INFORMATION) OR EMR

S2 4425512 PATIENT? OR INVALID OR SUBJECT? OR (SICK OR ILL) ( ) PERSON? - OR INDIVIDUAL OR PERSONAL OR PRIVATE?

S3 6684900 (THIRD OR 3RD OR OUTSIDE) ( ) (PARTY OR PARTIES) OR FRIEND? OR FAMILY ( ) MEMBER? OR RELATIVE? OR RELATION? OR LAWYER? OR ATTORNEY? OR ADVOCATE? OR GUARDIAN? OR AGENT? OR CUSTODIA? OR REPRESENTATIVE?

S4 2477755 HEALTH (2W) (PROFESSIONAL? OR PROVIDER?) OR DOCTOR? OR PHYSICIAN? OR MD OR NURSE? OR RN OR LPN OR CLINICIAN? OR SPECIALIST? OR THERAPIST? OR LAB? ( ) TECHNICIAN? OR PHARMACIST? OR DRUGGIST? OR INSURANCE OR HMO OR PPO OR MEDICAID OR MEDICARE

S5 5467924 PROFILE? OR HISTORY? OR RECORD? OR TARGET? OR CUSTOMIZ? OR (INDIVIDUAL OR PERSONAL) ( ) (SPECIFICATION? OR GOAL? OR OBSERVATION? OR ADVISE OR ADVICE OR RECOMMEND?)

S6 8007282 AD OR ADS OR ADVERT? OR PUBLIC? OR PLACARD OR COMMERCIAL - OR PROMO? OR BANNER? OR CATALOG? OR DESKTOP ( ) BRAND? OR POPUNDER OR POPUP OR POP ( ) (UNDER OR UP) OR COMMERCIAL ( ) (MESSAGE? OR SPOT?) OR SUBSICIZ? OR SUPPORT? OR FINANC? OR ASSIST?

S7 4539391 QUESTIONNA? OR SURVEY? OR INQUIR? OR STUDY OR STUDIES OR CANVASS? OR POLL OR POLLS OR RESEARCH? OR INVESTIGAT?

S8 7712015 INCENTIVE? OR INDUCEMENT? OR ENCOURAGEMENT? OR LURE? OR BONUS OR POINT? OR AWARD? OR PREMIUM? OR REWARD? OR PROGRAM? OR COUPON?

S9 218978 TELEMEDICINE OR (LONG ( ) DISTANCE OR REMOTE) ( ) MEDICINE OR TELECOMMUNICAT? OR HEALTH ( ) CARE ( ) SERVICE? OR (OFF ( ) SITE OR OFFSITE) ( ) DATABASE? OR TELEHEALTH OR TELEHEALING OR TELE ( ) (HEALTH OR HEALING OR MEDICINE) OR HOME ( ) CARE

S10 1731275 WWW OR W ( ) W ( ) W OR WORLDWIDE ( ) WEB OR WORLD ( ) WIDE ( ) WEB OR INTERNET OR ONLINE OR ON ( ) LINE OR COMMUNICAT? OR (CONNECTED OR - COMPUTER) ( ) NETWORK? OR ELECTRONIC OR DIGITAL

S11 10 S1 (S) S2 (S) S3 (S) S4 (S) S5 (S) S6 (S) S7 (S) S8 (S) S9

S12 5665 S1 (S) S10

S13 37 S12 (S) S3 (S) S4 (S) S5 (S) S6 (S) S7 (S) S8

S14 38 S11 OR S13

S15 32 S14 NOT PY>2000

S16 32 S15 NOT PY>20000324

File 387:The Denver Post 1994-2002/May 08  
(c) 2002 Denver Post

File 471:New York Times Fulltext-90 Day 2002/May 08  
(c) 2002 The New York Times

File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
(c) 2002 Phoenix Newspapers

File 494:St LouisPost-Dispatch 1988-2002/May 09  
(c) 2002 St Louis Post-Dispatch

File 498:Detroit Free Press 1987-2002/May 07  
(c) 2002 Detroit Free Press Inc.

File 630:Los Angeles Times 1993-2002/May 09  
(c) 2002 Los Angeles Times

File 631:Boston Globe 1980-2002/May 08  
(c) 2002 Boston Globe

File 632:Chicago Tribune 1985- 2002/May 09  
(c) 2002 Chicago Tribune

File 633:Phil.Inquirer 1983-2002/May 08  
(c) 2002 Philadelphia Newspapers Inc

File 638:Newsday/New York Newsday 1987-2002/May 08  
(c) 2002 Newsday Inc.

File 640:San Francisco Chronicle 1988-2002/May 09  
(c) 2002 Chronicle Publ. Co.

File 641:Rocky Mountain News Jun 1989-2002/May 04



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(c) 2002 Scripps Howard News  
File 702: Miami Herald 1983-2002/May 08  
(c) 2002 The Miami Herald Publishing Co.  
File 703: USA Today 1989-2002/May 08  
(c) 2002 USA Today  
File 704: (Portland) The Oregonian 1989-2002/May 03  
(c) 2002 The Oregonian  
File 713: Atlanta J/Const. 1989-2002/May 09  
(c) 2002 Atlanta Newspapers  
File 714: (Baltimore) The Sun 1990-2002/May 09  
(c) 2002 Baltimore Sun  
File 715: Christian Sci. Mon. 1989-2002/May 09  
(c) 2002 Christian Science Monitor  
File 725: (Cleveland) Plain Dealer Aug 1991-2000/Dec 13  
(c) 2000 The Plain Dealer  
File 735: St. Petersburg Times 1989- 2000/Nov 01  
(c) 2000 St. Petersburg Times  
File 476: Financial Times Fulltext 1982-2002/May 09  
(c) 2002 Financial Times Ltd  
File 477: Irish Times 1999-2002/May 09  
(c) 2002 Irish Times  
File 710: Times/Sun. Times (London) Jun 1988-2002/May 09  
(c) 2002 Times Newspapers  
File 711: Independent (London) Sep 1988-2002/May 09  
(c) 2002 Newspaper Publ. PLC  
File 756: Daily/Sunday Telegraph 2000-2002/May 08  
(c) 2002 Telegraph Group  
File 757: Mirror Publications/Independent Newspapers 2000-2002/May 09  
(c) 2002

Search report

16/3,K/1 (Item 1 from file: 492)  
DIALOG(R)File 492:Arizona Repub/Phoenix Gaz  
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06667247

**BOOK FORECASTS WHAT JOBS WILL BE HOT IN NEXT DECADE**

Arizona Republic (AR) - MONDAY June 15, 1992

By: Chicago Tribune

Edition: FINAL CHASER Section: Business Page: E7

Word Count: 689

CAPTION:

Chart

THE 100 BEST JOBS, LISTED BY CATEGORY BUSINESS AND **FINANCIAL** SERVICES: Accountant/auditor, bank loan officer, bank marketer, corporate **financial** analyst, court reporter, economist, **financial** planner, **insurance** -claim examiner, investment banker, **lawyer**, management consultant, paralegal, real-estate **agent** /broker, real-estate appraiser, underwriter. EDUCATION, GOVERNMENT AND SOCIAL SERVICES: Corrections officer/guard/jailer, educational administrator, firefighter...

... mathematician/statistician, police officer, psychologist/counselor, social worker, teacher/professor. ENGINEERING AND COMPUTER TECHNOLOGY: Computer operator, computer **programmer**, computer service technician, computer systems analyst, database manager, drafter, engineer, information-systems manager, manufacturing **specialist** (CAD/CAM and CAI), operations/systems **research** analyst, peripheral **electronic** data-processing-equipment operator. HEALTH CARE: Dental hygienist, dentist, dietitian, health-services administrator, home health aide, licensed practical **nurse**, **medical** - **records** administrator, occupational **therapist**, ophthalmic **laboratory technician**, optician, paramedic, **pharmacist**, physical **therapist**, **physician**, **physician's assistant**, podiatrist, radiologic technologist, registered **nurse**, speech pathologist/audiologist, veterinarian. HOSPITALITY INDUSTRY: Cook/chef, flight attendant, flight engineer, hotel manager/ **assistant**, pilot, restaurant/food service manager, travel **agent**. MANAGEMENT AND OFFICE PERSONNEL: Clerical supervisor/office manager, corporate personnel trainer, employment interviewer, human-resources manager/executive, labor- **relations specialist**, secretary/office administrator. MANUFACTURING, REPAIR, CONSTRUCTION, AGRICULTURE AND TRANSPORTATION: Aircraft technician, appliance/power-tool repairer, architect, automotive...

...repairer, operations manager/manufacturing, radio/TV service technician, truck driver. MEDIA AND THE ARTS: Actor, director, producer, **advertising** /marketing account supervisor, arts administrator, **commercial** and graphic artists, editor, writer, interior designer, photographer, camera operator, public- **relations specialist**, broadcast-news reporter, reporter, correspondent. SALES AND PERSONAL SERVICES: Cosmetologist, **insurance** salesperson, retail salesperson, wholesale sales **representative**. SCIENCE: Agricultural scientist, biological scientist, chemist, environmental scientist, food scientist, physicist, astronomer. From The 100 Best Jobs for the 1990s & Beyond, (\$19.95), 1992 (C) Carol Kleiman. Published by Dearborn **Financial** Publishing Inc., Chicago. Reprinted by permission.

16/3,K/2 (Item 1 from file: 494)  
DIALOG(R)File 494:St LouisPost-Dispatch  
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# Search report

10077235

## MAYBE YOUR JOB'S NOT AS GOOD AS YOU THINK

St. Louis Post Dispatch (SL) - Thursday, March 18, 1999

By: The Associated Press

Edition: FIVE STAR LIFT Section: BUSINESS Page: C8

Word Count: 1,230

### CAPTION:

... 1. Web site manager< 2. Actuary< 3. Computer systems analyst< 4. Software engineer< 5. Mathematician< 6. Computer **programmer** < 7. Accountant< 8. Industrial engineer< 9. Hospital administrator< 10. Web developer< 11. Paralegal **assistant** < 12. Parole officer< 13. Meteorologist< 14. Technical writer< 15. Medical secretary< 16. Medical technologist< 17. **Financial** planner< 18. Medical **laboratory technician** < 19. Astronomer< 20. Historian< 21. Postal inspector< 22. Dental hygienist< 23. Biologist< 24. **Insurance** underwriter< 25. Sociologist< 26. Urban/regional planner< 27. Physiologist< 28. Bank officer< 29. Broadcast technician< 30. Agency director< 31. Dental **laboratory technician** < 32. Statistician< 33. Motion picture editor< 34. Audiologist< 35. Industrial engineer< 36. Nuclear engineer< 37. Vocational counselor< 38. Computer service technician< 39. Optometrist< 40. **Medical records** technician< 41. Dietitian< 42. Physicist< 43. Political scientist< 44. Federal judge< 45. Mechanical engineer< 46. Speech pathologist< 47. **Pharmacist** < 48. Occupational **therapist** < 49. Publication editor< 50. Economist< 51. Protestant minister< 52. Aerospace engineer< 53. Philosopher< 54. Electrical engineer< 55. Purchasing **agent** < 56. Chiropractor< 57. Geologist< 58. Psychologist< 59. Podiatrist< 60. **Attorney** < 61. Electrical technician< 62. Oceanographer< 63. Television/radio newswriter< 64. Chemist< 65. Physical **therapist** < 66. Petroleum engineer< 67. Executive search consultant< 68. Anthropologist< 69. Tax examiner/collector< 70. Civil engineer< 71. Market **research** analyst< 72. Personnel recruiter< 73. Newscaster< 74. Military officer< 75. **Advertising** account executive< 76. Optician< 77. Architectural drafter< 78. Musical instrument repairer< 79. Engineering technician< 80. Flight attendant< 81. Computer consultant< 82. General practice **physician** < 83. Jeweler< 84. School principal< 85. Agricultural scientist< 86. Dentist< 87. Cashier< 88. Symphony conductor< 89. Computer operator< 90. Public **relations** executive< 91. Zoologist< 92. Bookbinder< 93. Archaeologist< 94. Stenographer/court reporter< 95. Senior corporate executive< 96. Antique dealer< 97. Military/Warrant officer< 98. Respiratory **therapist** < 99. Typist/word processor< 100. Airplane pilot< 101. Florist< 102. Catholic priest< 103. Museum curator< 104. Secretary< 105. Ticket **agent** < 106. Barber< 107. Shipping/receiving clerk< 108. Librarian< 109. Guard< 110. Photographic/processor< 111. Teacher's aide...  
... safety/health inspector< 114. Appliance repairer< 115. Receptionist< 116. College professors< 117. Author< 118. Hotel manager< 119. **Commercial** artist< 120. Bookkeeper< 121. Set designer< 122. Conservationist< 123. File clerk< 124. Stockbroker< 125. Psychiatrist< 126. Piano tuner< 127. Social worker< 128. Bank teller< 129. Orthodontist< 130. Sports instructor< 131. Veterinarian< 132. **Insurance agent** < 133. **Physician assistant** < 134. Telephone installer/repairer< 135. Surgeon< 136. Waiter/waitress< 137. Child care worker< 138. Industrial machine repairer< 139. Fashion designer< 140. Rabbi< 141. Wholesale sales rep< 142. Forklift operator< 143. Registered **nurse** < 144. Architect< 145. Fashion model< 146. Cosmetologist< 147. **Communications** equipment mechanic< 148. Home economist< 149. Photographer< 150. Vending machine repairer< 151. Office machine repairer< 152. Automobile body repairer< 153. Disk jockey< 154. Janitor< 155. Musician< 156. Undertaker< 157. Maid< 158. Osteopath< 159. **Nurse** 's aide< 160. Military/enlisted personnel< 161. Heat/cooling mechanic< 162. NCAA basketball coach< 163. Sewage plant...

... patrol officer< 171. Mail carrier< 172. Cook/chef< 173. Furniture

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upholsterer< 174. Correction officer< 175. Real estate agent < 176. Newspaper reporter< 177. Chauffeur< 178. Advertising salesperson< 179. Bartender< 180. Astronaut< 181. Licensed practical nurse < 182. Recreation worker< 183. Composer/typesetter< 184. Emergency medical technician< 185. Race car driver< 186. Buyer< 187. Tool-and-die maker< 188. Mayor< 189. Aircraft mechanic< 190. Congressman/senator< 191. Travel agent < 192. Construction foreman< 193. Railroad conductor< 194. Automobile assembler< 195. Precision assembler< 196. Photojournalist< 197. Police officer...

...ball player< 203. Dressmaker< 204. Carpet installer< 205. NBA basketball player< 206. Machinist< 207. Retail salesperson< 208. Surveyor < 209. Dairy farmer< 210. Plumber< 211. NFL football player< 212. Electrician< 213. Dishwasher< 214. Major league umpire...

16/3,K/3 (Item 1 from file: 631)  
DIALOG(R)File 631:Boston Globe  
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10346059

WHOLE SERIES OF TECHNOLOGY COMPANIES HAVE SPRUNG UP AROUND ROUTE 495 TO MAKE EQUIPMENT FOR THE INFORMATION SUPERHIGHWAY- THE SWITCHES AND PIPES THAT WILL CARRY VOICE AND DATA FROM OUR PHONES AND COMPUTERS. ONCE SUCH COMPANIES WERE LIKE TREES: THEY STARTED AS SEEDS AND HOPED TO GROW INTO MIGHTY OAKS, THE NEXT MICROSOFT OR IBM. TODAY, THEIR FOUNDERS ARE HAPPY JUST TO SELL THE SEEDS. JAMES DOLCE, CO-FOUNDER OF REDSTONE COMMUNICATIONS , SOLD HIS WESTFORD COMPANY IN MARCH FOR \$500 MILLION. REDSTONE AT THE TIME WAS 18 MONTHS OLD, HAD 70 EMPLOYEES, AND HAD YET TO SHIP A PRODUCT. SIEMENS, THE GERMAN MANUFACTURER, WANTED REDSTONE'S TECHNOLOGY, BUT IT ALSO WANTED THE BRAINPOWER AND CREATIVITY THAT DOLCE HAD ASSEMBLED - THE KNOW-HOW, IF YOU WILL. "WE ARE AN EARLY-STAGE ECONOMY," SAYS ROSABETH MOSS KANTER, A PROFESSOR AT THE HARVARD BUSINESS SCHOOL. "WE CREATE THE KNOWLEDGE. WHEN A PRODUCT MOVES FURTHER ALONG AND BECOMES A COMMODITY, IT GETS MADE SOMEPLACE ELSE." IF KNOWING WHAT TO DO WITH INFORMATION IS THE CURRENCY OF THIS NEW ECONOMY, THEN MASSACHUSETTS HAS MORE COINS THAN MOST. GREATER BOSTON HAS A HIGHER PERCENTAGE OF COLLEGE GRADUATES THAN ANY OTHER METROPOLITAN AREA IN THE COUNTRY. HARVARD UNIVERSITY AND THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY WERE RANKED SECOND AND THIRD IN US NEWS AND WORLD REPORT'S 1999 LIST OF THE BEST AMERICAN COLLEGES. (THE CALIFORNIA INSTITUTE OF TECHNOLOGY WAS FIRST.) WHEN SOMEONE HAS A PROBLEM TO SOLVE AND WONDERS: WHO YA GONNA CALL?, THE ANSWER OFTEN IS SOMEBODY IN MASSACHUSETTS. IF THE US ECONOMY IS A TALK SHOW, WE SUPPLY THE TALKING HEADS. WITHIN 10 YEARS OF ITS FOUNDING, THERE WERE MORE THAN 100 GRADUATES OF OXFORD AND CAMBRIDGE LIVING IN THE MASSACHUSETTS BAY COLONY. HARVARD WAS THE FIRST AMERICAN UNIVERSITY, AND FOR DECADES THE ONLY ONE. AS RUSSELL ADAMS, AUTHOR OF THE BOSTON MONEY TREE, WROTE, "FOR GENERATIONS, THE NEW REPUBLIC LOOKED TO BOSTON FOR INTELLECTUAL, ECONOMIC, AND POLITICAL LEADERSHIP." IN THE ECONOMIC REALM, THAT LEADERSHIP TOOK THE FORM OF MAKING THINGS. BY THE BEGINNING OF THE 19TH CENTURY, CRAFTSMEN AROUND SPRINGFIELD WERE MANUFACTURING FIREARMS, A PROCESS THAT PUSHED THE TECHNOLOGY ENVELOPE OF THE DAY. GUN MAKING REQUIRED THE PRODUCTION OF PRECISION PARTS, WHICH, IN TURN, REQUIRED CREATING MACHINES THAT COULD TURN OUT THOSE PARTS. ALONG THE WAY, THE CRAFTSMEN OF SPRINGFIELD CAME UP WITH A SYSTEM OF MAKING INTERCHANGEABLE PARTS, ONE OF THE BUILDING BLOCKS OF THE INDUSTRIAL REVOLUTION. IN THE 20TH CENTURY, THE PRODUCTS CHANGED BUT THE TRADITION CONTINUED. A BRIGHT YOUNG MAN NAMED EDWIN LAND CAME ALONG AND MADE INSTANT CAMERAS HERE. AFTER WORLD WAR II, A FORMIDABLE DEFENSE INDUSTRY GREW UP FROM WORK DONE AT MIT. THAT SAME INTELLECTUAL BASE PRODUCED THE MINICOMPUTER BUSINESS, WHICH AT ITS HEIGHT EMPLOYED TENS OF THOUSANDS OF PEOPLE IN NEW ENGLAND, MANY OF WHOM ACTUALLY BUILT THE MACHINES AND THEIR

PARTS. BUT THAT WAS THEN. IN MORE RECENT YEARS, SEVERAL ECONOMIC FORCES HAVE CONSPIRED TO CHANGE THE WAY BUSINESS IS DONE, HERE AND ELSEWHERE. THE FIRST IS A SIMPLE ONE: IT DOESN'T TAKE AS MANY PEOPLE AS IT ONCE DID TO MAKE THINGS. MANUFACTURING PRODUCTIVITY HAS SOARED, ESPECIALLY IN HIGH-TECHNOLOGY PRODUCTS. AS FAR BACK AS THE 1980S, DIGITAL'S THEN PRESIDENT, KENNETH OLSEN, BOASTED THAT HIS COMPANY HAD THE CAPACITY TO MAKE ALL THE COMPUTERS THE WORLD NEEDED. IMPLICIT IN OLSEN'S STATEMENT WAS AN IMPORTANT THOUGHT: THAT LOTS OF PEOPLE IN HIGH TECH WOULD NEED TO FIND SOMETHING ELSE TO DO. AND THEY HAVE. "WE MAKE LESS, BUT WE SERVICE MORE AND THINK MORE," SAYS GEORGE COLONY, PRESIDENT OF FORRESTER RESEARCH IN CAMBRIDGE. "THE MARKET HAS SHIFTED AWAY FROM HARDWARE TO SOFTWARE. IT IS A MORE INTELLECTUAL PURSUIT." COMPUTER COMPANIES HAVE MORPHED INTO SOMETHING LIKE BIG CONSULTING FIRMS. THEY SELL COMPUTERS, BUT THEY ALSO SHOW CUSTOMERS HOW TO SET THEM UP, HOW TO USE THEM, AND HOW COMPUTERS FIT INTO THEIR BUSINESS PLANS. "THE CUSTOMER'S ATTITUDE IS: 'PLEASE DON'T JUST MAIL ME THIS DEVICE WITHOUT INSTRUCTIONS,' " SAYS THOMAS WILLMOTT OF THE ABERDEEN GROUP, A BOSTON TECHNOLOGY CONSULTING FIRM. HARDLY ANYONE IN MASSACHUSETTS ACTUALLY MAKES COMPUTERS ANYMORE, YET THE DEMAND FOR THE REGION'S HIGH-TECH EXPERTISE HAS NEVER BEEN GREATER. BUT IT'S NOT JUST HIGH TECHNOLOGY THAT HAS MOVED INTO THE ADVICE-GIVING GAME. AS THE WORLD GROWS MORE COMPLICATED, BUSINESSES ARE TURNING TO OUTSIDERS FOR HELP IN OTHER AREAS. HOW WILL THE INTERNET AFFECT MY COMPANY? WHAT SHOULD I DO WITH MY EMPLOYEES' PENSION MONEY? HOW CAN I TAKE ADVANTAGE OF GLOBALIZATION? THE EXPERTS DON'T JUST HAVE INFORMATION. THEY KNOW WHAT TO DO WITH IT. "WE MANIPULATE IT, BOIL IT DOWN, AND MAKE SENSE OF IT," SAYS HARRINGTON OF NORTHEASTERN UNIVERSITY. ALL THESE CHANGES PLAY TO MASSACHUSETTS'S STRENGTHS. WE HAVE A WELL-EDUCATED WORKFORCE AND A LONG HISTORY OF EXCELLENCE IN THREE OF THE MOST EXPLOSIVE GROWTH INDUSTRIES OF THE 1990S: ELECTRONICS, HEALTH CARE, AND FINANCE. AND WE HAVE SOMETHING ELSE: THE CONFIDENCE, SOME MIGHT SAY ARROGANCE, REQUIRED TO BE IN THE ADVICE-GIVING GAME. LIKE OUR UNIVERSITY PROFESSORS, WE ARE HAPPY TO PLAY TEACHER TO STUDENTS WILLING TO PAY THE TUITION. HOW MUCH HAS THE MASSACHUSETTS ECONOMY BEEN TRANSFORMED BY THESE TRENDS? AN AWFUL LOT, SAYS EDWARD MOSCOVITCH, AN ECONOMIST BASED IN GLOUCESTER. EARLIER THIS YEAR, MOSCOVITCH WAS HIRED BY THE MASSACHUSETTS TAXPAYERS FOUNDATION TO DO A REPORT ON THE BOSTON-AREA ECONOMY. MOSCOVITCH DIVIDED THE ECONOMY INTO CATEGORIES - CONSULTING, SOFTWARE, MONEY MANAGEMENT, MANUFACTURING - AND CALCULATED HOW THE DIFFERENT PIECES HAVE GROWN OR SHRUNK OVER THE PAST 25 YEARS. THE RESULTS WERE ILLUMINATING. TRADITIONAL MANUFACTURING REPRESENTED 39 PERCENT OF THE REGION'S ECONOMIC BASE IN 1975; BY 1998 IT HAD DECLINED TO 22 PERCENT. OVER THE SAME TIME, CONSULTING - VERY BROADLY DEFINED - GREW FROM 7 PERCENT TO 17 PERCENT, SOFTWARE FROM 3 PERCENT TO 12 PERCENT, AND MONEY MANAGEMENT FROM 2 TO 9 PERCENT. LUMPING TOGETHER THE BUSINESSES HE CALLED "KNOWLEDGE-BASED INDUSTRIES," MOSCOVITCH CONCLUDED THAT THEY ACCOUNTED FOR 79 PERCENT OF THE LOCAL ECONOMY. THE COMPARABLE FIGURE FOR THE UNITED STATES IS 42 PERCENT. WHO ARE THE FACES OF THE KNOW-IT-ALL ECONOMY? ROBERT POZEN, PRESIDENT OF FIDELITY INVESTMENT'S MONEY MANAGEMENT ARM, IS ONE OF THEM. THE PROFESSIONALS WHO WORK FOR HIM MANAGE MORE THAN \$700 BILLION OF OTHER PEOPLE'S MONEY - A BIG CHUNK OF THE COUNTRY'S COLLEGE AND RETIREMENT SAVINGS. WHY DO THEY SEND IT TO FIDELITY? BECAUSE FIDELITY AND THE OTHER MONEY MANAGEMENT FIRMS IN BOSTON HAVE EXPERTISE. STRIPPED TO ITS CORE, THE FIRMS' MESSAGE IS: SEND US YOUR MONEY BECAUSE WE KNOW HOW TO INVEST BETTER THAN YOU DO. THE MESSAGE IS CREDIBLE, IN PART, BECAUSE OF TRADITION. PEOPLE HAVE BEEN MANAGING MONEY HERE SINCE THE 19TH CENTURY. IN THE 1920S, THE FIRST MUTUAL FUND WAS LAUNCHED IN BOSTON. IN THE 1970S, FIDELITY POPULARIZED THE MONEY MARKET FUND. IN THE 1980S, FIDELITY'S BEST-KNOWN MONEY MANAGER, PETER LYNCH, MADE MUTUAL FUNDS SEXY. "WE ARE SELLING BRAINPOWER THAT HAS BEEN RIGOROUSLY TRAINED," SAYS POZEN, WHO DESCRIBES FIDELITY AS IF IT WERE AN ELITE UNIVERSITY WHERE EVERYONE MAJORS IN MONEY MANAGEMENT. THE FIRM

REVIEWS THE RESUMES OF 1,000 JOB APPLICANTS A YEAR, INTERVIEWS 200 OF THEM, AND HIRES 10. THOSE 10 START AS ANALYSTS, MOVE UP TO MANAGERS OF SMALL MUTUAL FUNDS, AND THEN, IF THEY ARE GOOD ENOUGH, RUN THE FLAGSHIP FUNDS. THE ENTIRE GROUP - ABOUT 300 PEOPLE SCATTERED AROUND THE WORLD - SPENDS ITS TIME PORING THROUGH INFORMATION THAT HELPS IT DETERMINE WHICH WAY STOCKS ARE HEADING. NEAL MILLER, A FIDELITY MONEY MANAGER, LIKENS THE PROCESS TO TRYING TO PICK THE WINNER IN A SAILBOAT RACE. "I'M LOOKING AT THE CLOUD FORMATIONS, WHICH IS WHAT GENERATES THE WIND, WHICH WILL ULTIMATELY DECIDE HOW THE RACE EVOLVES AND WHO WINS," SAYS MILLER. FIDELITY DOESN'T ALWAYS GET IT RIGHT, BUT POZEN IS CONFIDENT THAT HIS COLLECTION OF THE BEST AND BRIGHTEST WILL GET IT RIGHT MUCH OF THE TIME. "THAT BRAINPOWER IS OUR COMPARATIVE ADVANTAGE," HE SAYS. DAVID MORRISON TURNS IDEAS AND INSIGHTS INTO MONEY. MORRISON IS A VICE PRESIDENT AT MERCER MANAGEMENT CONSULTING IN LEXINGTON. ALONG WITH A COLLEAGUE, ADRIAN SLYWOTZKY, MORRISON HAS WRITTEN TWO BOOKS: THE PROFIT ZONE AND PROFIT PATTERNS. THE BOOKS PICTURE A WORLD OF FIERCE COMPETITION IN WHICH THE GAP BETWEEN THE WINNERS AND LOSERS HAS NEVER BEEN BIGGER. THE AUTHORS TRY TO EXPLAIN WHY THAT IS HAPPENING AND, JUST AS IMPORTANT, IDENTIFY THE FACTORS THAT ALLOW THE WINNERS TO WIN. THE BOOKS SOLD REASONABLY WELL, BUT THAT REALLY ISN'T THE POINT. "WE ARE TRYING TO BREAK NEW GROUND AND COME UP WITH A POINT OF VIEW THAT WILL CREATE VALUE FOR OUR CLIENTS," SAYS MORRISON. IF THE "PROFIT ZONE" IS LIKE THE END ZONE IN FOOTBALL, HOW ARE YOU GOING TO GET YOUR TEAM INTO IT? CALL MERCER, AND THE FIRM'S CONSULTANTS WILL HELP YOU FIND THE WAY. OTHER MASSACHUSETTS CONSULTING FIRMS HAVE TROD THIS GROUND BEFORE. IN THE 1960S, THE BOSTON CONSULTING GROUP TAUGHT CORPORATIONS TO DIVIDE THEIR BUSINESSES INTO CATEGORIES, LIKE "DOGS" AND "STARS." IN THE EARLY 1990S, TWO MASSACHUSETTS CONSULTANTS, MICHAEL HAMMER AND JAMES CHAMPY, POPULARIZED THE NOTION OF "RE-ENGINEERING," THE INTELLECTUAL UNDERPINNING FOR A WAVE OF DOWNSIZING AND UPEHAVAL THAT FOLLOWED. PEOPLE ROUTINELY POOH-POOH THE SHIFTING FASHIONS IN CONSULTING, BUT BUSINESS HAS NEVER BEEN BETTER. SOMETIMES, THE CONSULTANTS' IDEAS BEGIN AS BOOKS; SOMETIMES, THEY ARE ARTICLES IN THE HARVARD BUSINESS REVIEW. THE LINK BETWEEN THE UNIVERSITIES AND THE CONSULTING FIRMS IS STRONG. THE FOUNDERS OF SOME OF THE BEST-KNOWN FIRMS CAME STRAIGHT OUT OF THE HARVARD BUSINESS SCHOOL, AND THE FIRMS CONTINUE TO RECRUIT TOP STUDENTS FROM TOP SCHOOLS AT TOP SALARIES - OFTEN MORE THAN \$100,000 TO START. WHY ARE THE FIRMS HERE? BECAUSE OF THE UNIVERSITIES, BECAUSE THEY STARTED HERE, AND BECAUSE THE VERY SMART PEOPLE WHOM THEY NEED TO HIRE LIKE TO LIVE HERE. THAT'S ALL YOU NEED TO KNOW. MARCIA ANGELL HAS PROBABLY BEEN CALLED A KNOW-IT-ALL MORE THAN ONCE IN HER CAREER. THE EDITOR IN CHIEF OF THE NEW ENGLAND JOURNAL OF MEDICINE HAS PICKED FIGHTS WITH EVERYONE FROM LAWYERS WHO CLAIM THEIR CLIENTS WERE DAMAGED BY SILICON BREAST IMPLANTS TO ADVOCATES OF ALTERNATIVE MEDICINE. THEIR SIN? A FAILURE TO APPLY THE RIGOROUS STANDARDS OF THE SCIENTIFIC METHOD TO THEIR WORK. "THERE IS A LOT OF MEDICAL INFORMATION OUT THERE, BUT A LOT OF IT IS NOISE AND MISINFORMATION," SAYS ANGELL. "PEOPLE NEED A PLACE TO GO WHERE THEY ARE GETTING SOMETHING RELIABLE." THAT PLACE IS THE NEW ENGLAND JOURNAL, WHOSE OFFICES SIT NEXT TO THE HARVARD MEDICAL SCHOOL. THE JOURNAL SETS THE STANDARD IN THE MEDICAL PROFESSION. ITS ARTICLES EXPLAIN WHAT WORKS AND WHAT DOESN'T WORK. WITH TITLES LIKE "THE MECHANISM OF RESPIRATORY FAILURE IN PARANEOPLASTIC PNEUMONITIS," THE MAGAZINE ISN'T AIMED AT THE AVERAGE READER. STILL, IT HAS A GREATER CIRCULATION, 240,000, THAN ANY OF ITS COMPETITORS, AND IT IS CITED IN SCIENTIFIC ARTICLES MORE OFTEN THAN ANY COMPARABLE JOURNAL. "THE INFORMATION WE PUBLISH IS THE TRUTH OR THE BEST ESTIMATE OF WHAT THE TRUTH IS," SAYS DR. JACK EVJY, PRESIDENT OF THE MASSACHUSETTS MEDICAL SOCIETY, WHICH OWNS THE JOURNAL. HOW DID THE NEW ENGLAND JOURNAL GET INTO A POSITION TO DISPENSE THE "BEST ESTIMATE OF WHAT THE TRUTH IS"? HISTORY IS PART OF IT. THE JOURNAL HAS BEEN AROUND SINCE 1812. TALENT IS ANOTHER. "WE SIT RIGHT HERE IN THE MECCA OF MEDICINE," SAYS ANGELL. "THAT IS A TREMENDOUS ADVANTAGE." MOST OF THE

EDITORS ARE AFFILIATED WITH ONE OF THE CITY'S ACADEMIC MEDICAL CENTERS; AS EDITORS, THEY ARE ALSO TEACHERS, GIVING LESSONS TO DOCTORS AND SCIENTISTS AROUND THE WORLD. GEORGE COLONY HAS WORKED HARD TO MAKE HIS COMPANY, FORRESTER RESEARCH, A HOUSEHOLD NAME IN THE BUSINESS OF ELECTRONIC COMMERCE. PICK UP AN ARTICLE ABOUT INTERNET PURCHASES, AND YOU ARE LIKELY TO SEE A FORRESTER ANALYST QUOTED. HOW MANY PEOPLE WILL SHOP ON LINE THIS CHRISTMAS? WHICH STORES HAVE THE BEST WEB SITES? HOW WILL THE INTERNET AFFECT A GIVEN INDUSTRY? YOU CAN BE SURE ONE OF FORRESTER'S 400 PEOPLE HAS AN ANSWER. FORRESTER IS IN THE BUSINESS OF FORECASTING TECHNOLOGY TRENDS. ITS ANALYSTS LOOK AHEAD, TRYING TO PREDICT WHAT IS AROUND THE NEXT CORNER. "OUR JOB IS TO PICK UP FAINT SIGNALS IN TECHNOLOGY AND UNDERSTAND WHAT THEY WILL BECOME," SAYS COLONY. "WE HAVE SENSITIVE RADAR." IN THE EARLY 1980S, COLONY WAS A PERSONAL-COMPUTER GURU. LATER, HE SPECIALIZED IN WHAT WAS CALLED CLIENT-SERVER COMPUTING. BEGINNING IN THE EARLY '90S, HE AND HIS PEOPLE COULD SEE THAT THE INTERNET WAS OUT THERE AND THAT IT WAS GOING TO CHANGE EVERYTHING. FORRESTER'S INSIGHTS WIND UP IN THE FORM OF REPORTS THAT ARE SOLD TO 2,500 COMPANIES AROUND THE WORLD. THE BOSTON AREA IS SPRINKLED WITH COMPARABLE FIRMS - THE YANKEE GROUP, INTERNATIONAL DATA GROUP - THAT STUDY WHICH WAY THE WINDS OF TECHNOLOGY ARE BLOWING. WHERE DO COLONY AND HIS STAFF ACQUIRE THEIR EXPERTISE? THEY BEAT THE BUSHES, INTERVIEWING AND SURVEYING USERS OF TECHNOLOGY. THEY ARGUE AND DEBATE AMONG THEMSELVES. AND THEY DRAW ON THE EDUCATION THEY GOT AT UNIVERSITIES OR OTHER TECHNOLOGY COMPANIES. "THIS IS AN IDEA CITY," SAYS COLONY. "IT'S AN IDEA PART OF THE WORLD. WE'VE GOT A WEALTH OF OPINIONATED PEOPLE HERE THAT IS EQUALED IN ONLY A FEW OTHER PLACES." ON THE FACE OF IT, A KNOW-IT-ALL ECONOMY WOULD SEEM TO BE A GOOD THING TO HAVE. MASSACHUSETTS HAS NEVER BEEN MORE PROSPEROUS. THE UNEMPLOYMENT RATE HOVERS AROUND 3 PERCENT; THE REAL ESTATE MARKET IS HOT; CRANES ARE VISIBLE IN AND AROUND BOSTON, BUILDING NEW HOMES, OFFICES, HOTELS, AND STORES. MUCH OF THE PROSPERITY HAS BEEN GENERATED BY THE CUTTING-EDGE KNOWLEDGE INDUSTRIES. IN THEORY AT LEAST, THIS NEW KIND OF ECONOMY SHOULD BE MORE STABLE THAN THE TRADITIONAL ONE IT HAS REPLACED. EXPERTISE IS ALWAYS IN DEMAND. THINK ABOUT A LAW FIRM. IN GOOD TIMES, THE LAWYERS HELP CLIENTS LAUNCH NEW COMPANIES AND BUY UP THEIR RIVALS. IN BAD TIMES, THEY COUNSEL THEM ON HOW TO AVOID BANKRUPTCY. THE CONSULTING FIRMS THRIVED DURING THE DIFFICULT YEARS OF THE EARLY '90S BY PREACHING A MESSAGE OF DOWNSIZING AND RE-ENGINEERING. THEY ARE DOING EVEN BETTER TODAY BY PEDDLING STRATEGIES FOR GROWTH. WE MAY HAVE TO WAIT FOR THE NEXT RECESSION TO SEE HOW WELL THIS ECONOMY FARES UNDER PRESSURE. WE DON'T HAVE TO WAIT, HOWEVER, TO SEE SOME OF THE DRAWBACKS OF THE KNOW-IT-ALL ECONOMY. "WE NEED TO FIGURE OUT WAYS OF MAKING SURE CHILDREN OF BLUE-COLLAR AND INNER-CITY FAMILIES CAN BECOME PART OF THIS ECONOMY," SAYS MOSCOVITCH. EDUCATION UNLOCKS THE OPPORTUNITY IN OUR ECONOMY, AND NOT EVERYONE HAS A KEY. GREATER BOSTON HAS A LARGER PERCENTAGE OF COLLEGE GRADUATES THAN ANY MAJOR CITY, BUT EVEN SO, ONLY 44 PERCENT OF THE WORKING-AGE POPULATION HAVE BACHELOR'S DEGREES. OUTSIDE INTERSTATE 495, THE NUMBERS DROP OFF SHARPLY. IF KNOWLEDGE IS WEALTH, THEN SOMEONE HAS TO COME UP WITH A STRATEGY FOR SHARING IT MORE BROADLY. AND THEN THERE IS COMPETITION. NO ONE HAS A MONOPOLY ON EXPERTISE. BOSTON HAS ITS SHARE OF GREAT UNIVERSITIES AND SMART PEOPLE, BUT SO DO SILICON VALLEY, WASHINGTON, NEW YORK, AND LOTS OF OTHER PLACES. SILICON VALLEY HAS LONG SINCE SUPPLANTED ROUTE 128 AS AMERICA'S CENTER OF HIGH TECHNOLOGY. THERE IS NOTHING TO SAY WE WON'T BE BESTED IN OTHER FIELDS BY RIVALS WHO KNOW MORE THAN WE DO. HARVARD'S ROSABETH MOSS KANTER SAYS MASSACHUSETTS HAS TO GUARD AGAINST COMPLACENCY. "THERE IS ALWAYS A DANGER THAT WHEN YOU THINK YOU HAVE THE ANSWER, YOU WILL STOP SEARCHING FOR IT," SHE SAYS. "IT IS THE ARROGANCE THAT COMES WITH BEING THE BEST." FOR THE MOMENT, OUR PLACE IN THE SUN LOOKS SECURE. BUT SHOULD WE SLIP, HAVE NO FEAR: WE'D JUST HIRE SOME KNOW-IT-ALL FROM MASSACHUSETTS TO HELP US FIGURE OUT HOW TO GET BACK ON TOP.

Boston Globe (BG) - Sunday, December 12, 1999  
By: Jan Shepherd  
Edition: THIRD Section: Magazine Page: 43  
Word Count: 137

...IBM. TODAY, THEIR FOUNDERS ARE HAPPY JUST TO SELL THE SEEDS. JAMES DOLCE, CO-FOUNDER OF REDSTONE COMMUNICATIONS, SOLD HIS WESTFORD COMPANY IN MARCH FOR \$500 MILLION. REDSTONE AT THE TIME WAS 18 MONTHS OLD...

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16/3,K/4 (Item 1 from file: 638)  
DIALOG(R)File 638:Newsday/New York Newsday  
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10542204

DOING BUSINESS WITH / STAFFING FIRMS / Temps are Rising In Hot Market Of Staffing

Newsday (ND) - Friday February 11, 2000

By: Jamie Martorana. STAFF WRITER

Edition: NASSAU AND SUFFOLK Section: EXECUTIVE EDITION Page: 08

Word Count: 1,730

TEXT:

DOREEN Gluck's job **profile** -one that includes benefits, 40-or-more-hour weeks and even holiday pay-reads like those of...

...Island's staffing firms are scrambling to attract and retain qualified employees like Gluck, an office-work **specialist**, and are left with no

other choice but to offer better pay, benefits and other **incentives**. Some of

these perks include free training, referral bonuses and even gifts and giveaways like phone cards, gas cards and movie tickets. Many staffing firms

also offer health **insurance**, 401(k) plans, dental plans, life **insurance**, paid

holidays and vacation pay.

But if you're considering a shift to the temp track, experts...

... staffing establishments, according to the American Staffing Association and the

Omnicom Group, a New Hampshire-based market **research** firm.

The hottest jobs, industry officials say, are in **information** technology, **medical** staffing and **financial** sectors, but other areas, including office

**support** and customer service, are also begging to be filled.

"The labor force is absolutely tight all over...

...offers training through its Global

Learning Center, where students can log on and get training through the

**Internet**.

"We assess their abilities and we train them," said Joan Franzese, area manager

for Long Island and...

...as well as more than 900 technical training courses.

Through Manpower Professional, the firm recruits and trains **financial**, information-technology, engineering, scientific and telecommunications professionals.

As part of its recognition **program**, the company gives away items such as

## Search report

referring to the state regulatory process. Yet at another **point** in the interview, he conceded that for **patients** utilizing the facility "there cannot be any oversight because we do not see the results (of procedures...

...facilities but

without being answerable to the center's ownership on medical quality issues. Experts say this **relationship** differs from hospitals, where overseers can review the procedures and quality of doctors who perform surgery in...

...costly hospital care-"like delivering a product that's half as expensive with twice the quality." State **records** show Queens Surgi-Center is a state licensed site for ambulatory surgery, where 1,482 surgeries took place last year.

Managed care **patients** usually need a referral from their primary care physicians before seeking treatment at this surgi-center. Before...

...the surgi-center's safety, quality and credentials of doctors working there. He says state regulators and **private** accrediting groups have also given his clinic a thorough exam.

"We go through a very deep and for economic reasons, because they are worried about losing **patients** to them. He also makes a big distinction between procedures performed in his center and the kind...  
...license.

"With office-based surgery, there is no oversight at all, none," he says. "Usually, it's **privately** owned by a physician that does it in his own way. There's nobody to oversee anything."

When surgery goes wrong at these **private** doctor's clinics, **patients** may

wind up being rushed to the emergency room of a local hospital, what experts call an "unplanned admission." Experts worry that **patients** are not told that this type of surgery carries the same risks as procedures done in hospitals, but without the same safeguards.

A 1996 **study** in the American Journal of Surgery expressed concern about the issue after finding a 1 percent rate...

...over a three-year period.

A.G. Greenburg, a Brown University professor of surgery who headed that **study**, says managed care insurers provide economic **incentives** for doctors to do surgery outside of costly hospital settings. And he worries about safety at these unregulated facilities.

"It's a real concern," says Greenburg, whose **study** found 129 examples of "unplanned admissions" out of a total 15,132 cases at that surgi-center...

...same risks - this rate will likely increase," says Greenburg.

Some local doctors say they are aware of **patients** who have come to hospital emergency rooms, seeking immediate help after surgery at an outpatient clinic went...

...says Robert Ward, former chief of surgery at North Shore University Hospital in Manhasset and now in **private** practice. "People give anesthesia and do surgery in their offices and there's no standards."

...

16/3,K/6 (Item 3 from file: 638)  
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**MANAGED CARE & DOCTORS: the broken promise / HMOs and the Critical Lists /  
Managed care promises only the best, but dozens of their doctors have  
troubled pasts**

Newsday (ND) - Sunday November 14, 1999

By: Thomas Maier. STAFF WRITER

Edition: ALL EDITIONS Section: NEWS Page: A04

Word Count: 4,528

**TEXT:**

...rigorous screening, New York's biggest managed health care networks offered their customers this year dozens of **doctors** disciplined for serious-even fatal-wrongdoing, a Newsday **investigation** reveals.

Even though the health insurers are fully aware that the state punished these **doctors** for such offenses as botched surgery, sexual misconduct, drug abuse or cheating government **insurance** plans, they never tell their millions of customers.

Buried within thick provider directories were 132 **doctors** punished by state medical authorities since 1990. Newsday found two-thirds of these **doctors** were disciplined for mistreating patients, including 13 in cases in which a patient died.

And though insurers say they routinely update their directories with careful background checks, Newsday found a Roslyn **doctor** who sexually abused a patient in his office; a Southampton **physician** who operated on the wrong knee; and a Manhattan surgeon who abandoned a badly bleeding Westbury woman on his table after cutting an artery and fleeing the room.

Newsday even found **doctors** barred from practicing - state officials having permanently revoked their medical licenses - improperly listed as approved managed care **doctors**, even though they weren't practicing medicine and couldn't possibly see patients legally. Some were incorrectly listed as available **doctors** years after their state sanction.

Yet, none of the insurers made any mention of these state disciplinary actions against their network **doctors** in information routinely given to customers. In fact, the presence of numerous troubled **doctors** among New York's top managed care plans contradicts their most basic promise to consumers.

"You can feel confident choosing a **doctor** for you and your family from our extensive network of **physicians**," says Aetna U.S. Healthcare, of its 13,000 **doctors**. In a similar way, Oxford Health Plans, the state's largest managed care plan, pledges a "stringent credentialing process" with its 30,000 state **doctors**. "We understand your concerns when it comes to selecting a **physician**," Oxford says, "so our high standards ensure you're getting a top-notch **doctor**."

Aetna included 58 state-disciplined **doctors** in its network this year while Oxford offered 57. Other insurers had similar numbers of disciplined **doctors**, although the two smallest networks had only a handful each.

Gia Hall believes she would have been spared years of suffering if she had known more about her **doctor**.

Hall's **insurance** provider, Empire Blue Cross and Blue Shield, never told her that Susan Calabro had been involved in...

...by state medical officials before Hall went to her for a gall bladder operation. Hall and her **attorneys** say she was referred to Calabro by her primary care **physician**, also in the insurer's network.

Hall says she was badly injured during the 1994 procedure - more than two years after the state censured and reprimanded Calabro. "I would have gone to another **doctor** had I known," says Hall, a 30-year-old

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Independent Health	47.
Cigna HealthCare	46.
HIP	28.
Empire Blue Cross/Blue Shield	28.
Vytra	5.
Blue Choice	3.

Estimated enrolled managed care **doctors** .

Aetna U.S. Healthcare	13,000.
Oxford	30,000.
Independent Health	8,800.
Cigna HealthCare	20,000...

16/3,K/7 (Item 4 from file: 638)  
DIALOG(R) File 638:Newsday/New York Newsday  
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10318001

**MANAGED CARE & DOCTORS: the broken promise / HMOs and the Critical Lists /  
Managed care promises only the best, but dozens of their doctors have  
troubled pasts**

Newsday (ND) - Sunday November 14, 1999

By: Thomas Maier. STAFF WRITER

Edition: ALL EDITIONS Section: NEWS Page: A04

Word Count: 4,759

TEXT:

...rigorous screening, New York's biggest managed health care networks offered their customers this year dozens of **doctors** disciplined for serious-even fatal-wrongdoing, a Newsday **investigation** reveals.

Even though the health insurers are fully aware that the state punished these **doctors** for such offenses as botched surgery, sexual misconduct, drug abuse or cheating government **insurance** plans, they never tell their millions of customers.

Buried within thick provider directories were 132 **doctors** punished by state medical authorities since 1990. Newsday found two-thirds of these **doctors** were disciplined for mistreating patients, including 13 in cases in which a patient died.

And though insurers say they routinely update their directories with careful background checks, Newsday found a Roslyn **doctor** who sexually abused a patient in his office; a Southampton **physician** who operated on the wrong knee; and a Manhattan surgeon who abandoned a badly bleeding Westbury woman on his table after cutting an artery and fleeing the room.

Newsday even found **doctors** barred from practicing - state officials having permanently revoked their medical licenses - improperly listed as approved managed care **doctors**, even though they weren't practicing medicine and couldn't possibly see patients legally. Some were incorrectly listed as available **doctors** years after their state sanction.

Yet, none of the insurers made any mention of these state disciplinary actions against their network **doctors** in information routinely given to customers. In fact, the presence of numerous troubled **doctors** among New York's top managed care plans contradicts their most basic promise to consumers.

"You can feel confident choosing a **doctor** for you and your family from our extensive network of **physicians**," says Aetna U.S. Healthcare, of its 13,000 **doctors**. In a similar way, Oxford Health Plans, the state's

Search report

current status as an approved managed care **doctor** - despite her **history** - illustrates how the 1974 federal Employee Retirement Income Security Act (ERISA) has generally prevented managed care insurers from being sued in malpractice claims that usually include individual **doctors** and hospitals. "Things like this would change if the **HMO** was sued along with the **doctors** they were referring their patients to," says Clark.

Gia Hall says more consumer information and state oversight is needed so patients like her don't discover their **doctor**'s troubled past only after medical treatment.

"I think there should be a means of **communication** so that I don't have to go to a courthouse to find out about a **doctor**," says Hall. "If someone is going to have surgery, it should be your right to that information so you can judge before you have surgery, especially if you're paying your **insurance premiums**."

CORRECTION: The conclusion of a story about managed care **doctors** was omitted from some editions yesterday. The omitted text was from a case that involved Dr. Susan Calabro, a managed care **physician** who had been previously disciplined by state authorities. See end of text for the remainder of the...

16/3,K/8 (Item 1 from file: 703)  
DIALOG(R) File 703:USA Today  
(c) 2002 USA Today. All rts. reserv.

05013969

**STATES MADE LAWS TOUGHER IN WAR AGAINST CHILD ABUSE**

USA Today (US) - WEDNESDAY March 8, 1989  
Edition: FINAL Section: NEWS Page: 08A  
Word Count: 1,363

TEXT:

...minors. CONNECTICUT: Requires Board of Education to revoke certification of school employees convicted of abuse; requires teachers, **doctors**' aides and **therapists** to report suspected abuses. DELAWARE (#): No action in 1988; no 1989 proposals. D.C. (#): Pending: Require criminal checks of child-care personnel; require out-of-**home** **care** provider to **report** abuse and neglect. FLORIDA: Comprehensive action includes: Provision for search warrant based on misdemeanor abuse; protective custody...

...child victim or witness in a criminal case involving abuse or neglect to be represented by an **advocate**. GEORGIA: Redefines pandering to include both sexes; makes soliciting sex from a child under 17 a felony; requires counselors to report abuse. HAWAII: **Finances** abuse hot line; sets mandatory prison terms for serious injury to a child under 9 during a felony; increases penalties for **promoting** pornographic materials to minors. IDAHO: Increases the penalty for sex abuse and exploitation of a child under...

...a deadly weapon. ILLINOIS: Redefines "victim" to include a child witness to a violent crime against a **relative**; permits a child under 13, who was a witness or victim, to present some hearsay evidence in...

... to report certain child molestation cases to the child protective services agency. IOWA: Comprehensive action includes: Requires **investigation** of a complaint of sexual abuse by a person not responsible for the care of the child; permits state agency to review previously **private** **records**; requires **private** teachers to report abuse. KANSAS: Permits authorities to take a child into custody on reasonable belief child ...

## Search report

... materials to minors. KENTUCKY: Comprehensive revision includes: Prohibition of regulations against "reasonable" corporal discipline by church-related **private** child-care facilities; permits a child to be taken into protective custody on reasonable belief child is...

... includes: Requirement that clergy and film processors report any knowledge of child pornography; limits clergy's "privileged **communication**" to confession. MAINE: Authorizes state to **investigate** any child-care provider, state institutions; eliminates reporting requirements for Christian Scientists. MARYLAND: Requires child-**care** centers to **report** signs of abuse; allows out-of-court statements of a victim of abuse under 12 to be...

... laws to include live sex shows; establishes funds and a 25-member board to establish community-based **programs** to prevent abuse and neglect. MICHIGAN: Allows closed testimony for child witnesses or victims; expands the prohibition against child pornography to include non-**commercial** activity; allows immunity for film processors reporting abuse; extends statute of limitations in some abuse cases to...

... abuse first-degree murder; makes false abuse reporting, for the purpose of affecting custody, a misdemeanor; makes **investigative** reports confidential. MISSISSIPPI: Adds pornographic videotapes to the list of materials prohibited under the child pornography statute...

... with youth services. MONTANA (#): Pending: Redefining who must report abuse; penalties for child procurement; release of abuse **records**; appointment to state child protection team a person knowledgeable of Indian culture. NEBRASKA: Allows child victims, witnesses...

16/3,K/9 (Item 1 from file: 713)  
DIALOG(R)File 713:Atlanta J/Const.  
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10814226

### DAILY BRIEFING

Atlanta Constitution (AC) - Thursday, November 9, 2000

By: From staff and wire reports

Edition: Home Section: Business Page: E2

Document Type: Brief

Word Count: 2,720

### TEXT:

Denotes item of particular local interest

**ADVERTISING** : Burger King selects **ad** agency finalists New York --- Burger King dropped from consideration the agency that has created the bulk of its **advertising** for the past six years as it narrowed the list of contestants for the job to three...

... New York. Alabama Power hires agency for campaign > Birmingham --- Alabama Power Co. has hired a North Carolina **ad** agency to wage a campaign to retain customers as the utility industry moves into an era of...

... power company has 1.3 million customers. Long Haymes Carr of Winston-Salem, N.C., got the **ad** contract over two other finalists and about 50 early candidates that included three Atlanta **ad** agencies: Fitzgerald & Co., Austin Kelley **Advertising** and J. Walter Thompson. Alabama Power is part of Atlanta-based Southern Co. BBDO receives 7Up, Mirinda account Purchase, N.Y. --- Pepsi-Cola International is consolidating **advertising** for its 7Up and Mirinda brands under Omnicom

Group Inc. unit BBDO Worldwide. The Pepsico unit said BBDO will take over the account from Goodby Silverstein & Partners of San Francisco in January. BBDO was **awarded** the lucrative \$1.5 billion Chrysler Group account just last Friday, beating out FCB Worldwide. **DEALS:** Thomas Cook to sell **financial** services unit London --- British travel concern Thomas Cook Group Ltd. said Wednesday it agreed to sell its **financial** services operations to Travelex Group for about \$631 million. The sale is part of Thomas Cook's efforts to focus more on its retail travel and tour operating businesses. The closely held company's **financial** services business includes travelers checks, money transfers, emergency travel **assistance** and corporate payments. Bank of America renews Wackenhut contract Palm Beach Gardens, Fla. --- Wackenhut Corp. received a five-year, \$250 million contract renewal from Bank of America Corp. for uniformed security officers and administrative **support**. Wackenhut said the agreement expands the companies' agreement to provide security services at multiple locations in the...

... which tracks the amount of time goods sit unsold, was unchanged at 1.30 months in September. **FINANCE:** American General splitting into two units Houston --- American General Corp., the second-largest publicly traded life insurer, said it's dividing its operations into a **financial** services unit and an asset accumulation business. The company said its consumer **finance** business will be folded into **financial** services --- a move analysts say reflects its falling contribution to the company's overall profit. In addition to consumer **finance**, **financial** services will include life **insurance** and international business. Asset accumulation will include investment management, mutual fund operations and retirement products such as annuities. **Internet** Capital to cut 50 jobs Wayne, Pa. --- **Internet** Capital Group Inc., an investor in **online** industrial commerce companies, said it's cutting 50 jobs, or 35 percent of its work force, and writing off some assets as it battles investor distaste for **Internet** investing. The company said it will take a charge of \$25 million to \$30 million --- \$4 million...

... Texas. The five operations should have about \$215 million in sales this year, said Toni R. Spigelmyer, **assistant** vice president of investor **relations**, in a release confirmed by a spokeswoman. Snapple's headquarters to stay in New York London --- Cadbury...

... RC Cola will be made at the Dr Pepper plant in St. Louis, spokeswoman Philippa Dworkin said. **FINANCE:** **Electronic** notice of insider trades proposed Washington --- Corporate executives buying or selling their own company's stock would... can file electronically over the SEC's Edgar computer system if they want, but the vast majority **file** on paper.

**HEALTH CARE:** Viagra patent ruled **invalid** in Britain London --- A British court ruled Wednesday that one of drug maker Pfizer Inc.'s patents on the anti-impotence drug Viagra was **invalid**, paving the way for other pharmaceutical companies in Britain to develop drugs that act in the same ...

... 650 million in secured credit and was considering its options. If it is unable to find alternative **financing**, Pillowtex said it may be forced to seek bankruptcy protection from creditors. Pillowtex makes bedroom and bathroom...

... **MEDIA:** Metromedia considering sale or spinoff of units East Rutherford, N.J. --- Metromedia International Group Inc., a **communications** company **targeting** China, Eastern Europe and the former Soviet Union, said it's considering the sale or spinoff of...

... sold the 101,000-square-foot retail center, anchored by a Kroger store, to Alpharetta-based Harbour **Point** Estates Inc. The strip shopping center is at Flakes Mill and Flat Shoals roads. It was opened...

## Search report

... 10% of work force > Trenton, N.J. --- Lucent Technologies plans to streamline its upper management, enhance employee **incentives** and eliminate what analysts say could be as many as 10,000 jobs, ...percent of its work force. Bill Price, a company spokesman, said the company has already eliminated 240 **finance** and human resources jobs this month but has not determined the total number of cuts companywide. However...

... Network Access cutting 23% of staff Sterling, Va. --- Network Access Solutions Corp., a provider of high-speed **Internet** access, said it's eliminating 145 jobs, or 23 percent of its work force, to cut costs...

... force, will reduce sales, general and administrative expenses by 40 percent, Network Access said. The company provides **Internet** access for small and medium-size businesses, mainly through existing copper telephone lines. Hewlett-Packard investing in **Internet** infrastructure Palo Alto, Calif. --- Hewlett-Packard Co. agreed to provide WebBasis Inc. with up to \$9 million in debt **financing** as part of an agreement to build and deploy an "always-on" **Internet** infrastructure that will help businesses **communicate** and conduct business **online**. Hewlett-Packard said the **financing** will help WebBasis expand its network of data centers. The next data center will be in San...

... While more than 70 percent of Toshiba's LCD sales currently comes from panels used in notebook **personal** computers, the ratio will come down to about half in the year starting April 1, 2002, and...

... Vodafone AirTouch is buying a 25 percent stake in the mobile phone operations of Switzerland's biggest **telecommunications** company, Swisscom AG, for \$2.54 billion. The announcement Wednesday by the Swiss government comes ahead of...

... had been expected to announce a partnership. Mediacom to purchase Alabama cable franchises Middletown, N.Y. --- Mediacom **Communications** Corp., a provider of cable television in rural areas, agreed to buy cable franchises with 14,000...

...most of them used on Ford's Explorer sport-utility. The National Highway Traffic Safety Administration is **investigating** possible links between tread separations in the tires and 119 deaths. The decision to provide payload information...

... to 674,000 units. The company said it will idle about 2,200 workers at its Missouri **commercial** van plant for two weeks beginning Monday as it seeks to reduce vehicle inventories on dealer lots...

16/3,K/10 (Item 2 from file: 713)  
DIALOG(R)File 713:Atlanta J/Const.  
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10808075

### DAILY BRIEFING

Atlanta Constitution (AC) - Friday, November 3, 2000

By: Staff reports and news services

Edition: Home Section: Business Page: F2

Document Type: Brief

Word Count: 2,697

### TEXT:

Denotes item of particular local interest.

**ADVERTISING** : Pittsburgh agency wins Checkers account > Checkers Drive-In



Search report

cents a share...

... year's third quarter. Also ... Allstate: The insurer said its Allstate Life Group unit was renamed Allstate **Financial** to reflect a focus on annuities and mutual funds. LAWSUITS: Novartis seeks to wrap up contact lens...

... 35 cash rebate on future purchases of certain lenses, as well as discounts on its products, California **Attorney** General Bill Lockyer said in a statement. The proposed settlement, preliminarily approved in 1997, covers claims brought by California, 31 other states and plaintiffs' **attorneys** in a national consumer class-action lawsuit. Scooter maker Razor suing competitors Los Angeles --- Razor USA LLC, after being **awarded** a patent Tuesday for the brake design of its folding aluminum kick-scooters, immediately went to court...

... of its first major beverage launches in some time. Dunkin' Donuts will spend \$275,000 in radio **advertising** in Chicago, one of its biggest coffee markets, beginning Monday. It'll offer a discount to customers...

... worldwide who wet shave. Features include an 'elastometric grip' and an 'ergonomically superior handle.' The technology and **research** will come at a **premium** of as much as 50 percent over similar products. The system, including a refillable razor, an extra...

... retail for \$7.49 to \$7.99. MEDIA: EchoStar, DirectTV must black out some events Washington --- EchoStar **Communications** Corp. and Hughes Electronics Corp.'s DirectTV must black out some sports and entertainment shows under new satellite television rules approved by the Federal **Communications** Commission. Congress last year let satellite companies add local TV stations, on the condition that the FCC would put rules in place protecting sports and local **programming** rights. EchoStar and DirectTV, the two largest companies with more than 13 million customers, started offering some...

... on its Web site, the newspaper attributed the move to soft business conditions and expectations of depressed **advertising** revenue in 2001. It also said some positions became redundant because of resources available from Gannett. PEOPLE: Pepsi bottler Whitman taps **financial** chief Rolling Meadows, Ill. --- Whitman Corp., the second-largest U.S. Pepsi bottler, said G. Michael Durkin will become chief **financial** officer when the company completes its purchase of PepsiAmericas Inc. Durkin was senior vice president and general manager for Whitman's Eastern Group, PepsiAmericas Chief **Financial** Officer John Bierbaum said. Whitman agreed in August to buy PepsiAmericas, the third-largest U.S. Pepsi...which tracks mortgage rates, reported the 30-year loan carried an average of 0.68 of a **point**, the 15-year mortgage 0.70 of a **point** and the ARM 0.36 of a **point**. A **point**, 1 percent of the loan amount, is a fee the lenders charge at closing. TECHNOLOGY: Two more...

16/3,K/11 (Item 3 from file: 713)  
DIALOG(R)File 713:Atlanta J/Const.  
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10801155

**DAILY BRIEFING**

Atlanta Constitution (AC) - Friday, October 27, 2000

By: Staff reports and news services

Edition: Home Section: Business Page: F2

Document Type: Brief

Word Count: 2,755

## Search report

### TEXT:

Denotes item of particular local interest.

**ADVERTISING** : USA Networks forecasts slower revenue growth New York --- USA Networks Inc. Chairman and Chief Executive Barry Diller...

... revenue growth at the company's cable television networks because of a likely slowing in the overall **advertising** market. Vice Chairman Victor Kaufman said on a conference call that executives expect **advertising** 'weakness' to continue in the last three months of this year at USA Network. The company's namesake cable channel recently lost World Wrestling Federation **programming** to UPN. Kaufman blamed the expected softness on an overall slower **ad** market and repeated that the loss of wrestling hasn't hurt the channel's revenue or cash flow, or earnings before interest, taxes, depreciation and amortization. Singer sues Nike over 'Me and Mrs. Jones' **ads** Los Angeles --- Nike Inc. and its **advertising** agency were sued by singer Billy Paul for using his song 'Me and Mrs. Jones' in a **commercial**. Paul seeks at least \$1 million in lost licensing fees, according to the suit filed in U...

... Top 40 chart for three weeks in 1972. Paul alleges that Nike, without his consent, has run **ads** featuring his voice singing the song. The **ad** deprived Paul of 'the economic value of his own identity and labor,' the suit said. DEALS: Auto...

... with cash and debt. CMGI likely to sell stake in Terra Lycos New York --- CMGI Inc., an **Internet** venture fund, isn't likely to be a long-term shareholder in Terra Lycos Inc., CMGI Chairman David Wetherell said in an interview. CMGI is one of the biggest investors in Lycos Inc., the **Internet** search service started by CMGI in 1995. It had a 13 percent stake as of June, according...

...next several days. '(Terra Lycos) is well-positioned to succeed,' said Wetherell in an interview at the **Internet** World show. Also ... > ABN AMRO Lease Holding NV: The parent company of Atlanta-based LeasePlan USA agreed ...

... of Chicago, one of the largest U.S. providers of fleet management services. The acquisition will be **financed** with its own funds and is conditional upon the clearance by the relevant legal parties. GoTo.com Inc.: The **Internet** search service said it bought SearchUp Inc. for \$3.23 million in stock to obtain its **Internet** directory service. ECONOMY: Homeownership rate at highest level in **history** Washington --- The U.S. homeownership rate soared to 67.7 percent, the highest level in **history**, during the third quarter, Housing and Urban Development Secretary Andrew Cuomo said Thursday. The new numbers cover...

...in the Labor Department's Employment Cost Index, a closely watched gauge of inflation pressures, was on **target** with many analysts' expectations for the July-September quarter. It was the smallest quarterly gain in compensation since a 0.8 percent rise in the third quarter of 1999.

**FINANCE** : Hedge fund manager Vinik says he'll retire New York --- Jeffrey Vinik, manager of one of the...plea > San Francisco --- A second former HBO & Co. executive pleaded not guilty to charges he helped falsify **financial** results. The announcement of accounting problems caused the largest U.S. drug wholesaler to lose \$9 billion...

... deal to provide information Austin, Texas --- Drkoop.com Inc. and Medical Advisory Systems Inc. agreed to provide **online health information** services for businesses and consumers for three years.

**Financial** terms weren't disclosed. New services will include a 24-hour call and e-mail center staffed by **physicians**, to facilitate real-time,

Search report

confidential exchange of **medical information**, **medical travel assistance** and clinical trial referrals through Medical Advisory's network of pharmaceutical and biotechnology customers. LAWSUITS: Armstrong's...

...a consultant advising the company on resolving asbestos-liability claims that cost it millions of dollars annually. **Attorney** Deborah K. Owen, who also served as the company's secretary and senior vice president, is a...

... its new collectible-card game, according to the lawsuit. Kellogg Creek uses the name "SpiritWars" for its **Internet** strategy game, according to the suit. MANUFACTURING: Alcoa to lay off up to 90 at Pennsylvania plant ...

...related Web sites. The deal announced Thursday also calls for Gannett to give cash and marketing and **promotion** credits to Space.com, but neither company would disclose the **financial** terms of the deal, including the size of Gannett's stake. Gannett is contributing the weekly newspaper...

... to build the world's tallest building in the center of Sao Paulo after the project's **financial** backers pulled out of the \$1.65 billion deal. The Maharishi Global Development Fund, which is linked...Toysrus.com said Jonathan F. Foster will resign as executive vice president, chief operating officer and chief **financial** officer. The company said Foster played a key role in its recently launched co-branded **online** toy and video games store with Amazon.com. The companies are also launching an **online** baby products store early next year. "With the Toysrus.com/Amazon.com co-branded site off to...

... have decided to focus my efforts on other business opportunities," said Foster. Raymond Arthur, vice president of **finance** for Toysrus.com, will assume the role of senior vice president, chief **financial** officer. TECHNOLOGY: Hewlett-Packard names chief technology officer Palo Alto, Calif. --- Hewlett-Packard Co., the No. 2...

... its ranks of senior science executives. DeMillo formerly was in charge of developing Web-based software and **online** services for the telecommunications industry at Telcordia Technologies Inc., the former **research** division of the Bell telephone companies. Microsoft appeals court to skip computer briefing Washington --- The appeals court...

... The decision by the U.S. Court of Appeals for the District of Columbia Circuit comes after **attorneys** on both sides raised a slew of concerns about the proposed session. The appeals court said Thursday...

... a deposition Thursday. Jan Wagoner, who worked at the Decatur facility for 31 years, was questioned by **attorneys** for the plaintiffs in a wrongful death lawsuit against Bridgestone/Firestone Inc., the U.S. unit of ...

... a problem that has led the company to recall 6.5 million tires and prompted a government **investigation** and dozens of lawsuits --- caused the fatal accident. Safety agency considers review of Goodyear tires Washington --- The...

16/3,K/12 (Item 4 from file: 713)  
DIALOG(R) File 713:Atlanta J/Const.  
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10777115

DAILY BRIEFING

Atlanta Constitution (AC) - Tuesday, October 3, 2000

## Search report

By: Staff reports and news services  
Edition: Home Section: Business Page: D2  
Document Type: Brief  
Word Count: 2,832

### TEXT:

Denotes item of particular local interest.

**ADVERTISING** : Home Shopping Network to launch **ad** campaign The Home Shopping Network is gearing up and launching its first television **advertising** campaign in the company's 23-year **history** . With the holiday selling season getting under way over the next few months, the **electronic** -retailing unit of USA Networks is launching a TV **ad** effort valued at \$30 million. The spots, which began airing this week, will run on cable networks...

... a United Kingdom company that specializes in providing weekly data on pharmaceutical sales at retailers and in **doctors** ' offices. The company is Source Dispenser and OTC Advisor. The data help manufacturers manage their distribution of products. Walter Hoff, head of NDC **Health Information** Services, said the acquisition strengthens the company's international information and e-commerce services. **Financial** terms of the deal were not disclosed. Concord EFS in talks to buy Star Systems Memphis --- Concord...

... in talks to acquire closely held Star Systems Inc. to broaden its service areas. Star Systems processes **electronic** payments at automatic teller machines and retail locations such as grocery stores, gas stations and discount stores. The company would become a Concord subsidiary. Concord also provides **electronic** transaction authorization, primarily to supermarket chains and convenience stores. Shareholders approve Eltrax, Cereus merger > The merger of...

... adjustable-rate mortgages, fell to 6.08 percent last week from 6.09 percent the previous week. **FINANCE** : FleetBoston buys Summitt Bancorp Boston --- FleetBoston **Financial** Corp. agreed to buy Summitt Bancorp, New Jersey's No. 1 bank, for \$6.9 billion in...

... Ltd., a maker of trendy footwear aimed at teens and "tweens," has hired Bear Stearns as its **financial** adviser to help explore "strategic alternatives," including possible sale of the company. The announcement comes as government...said it will pay \$77.5 million to settle allegations that it inflated cost reports to maximize **Medicare** payments from the government and about \$18 million to settle a lawsuit that alleges the company improperly...

... health agency. The settlement could remove an obstacle to the company's search for a buyer or **financial** backer, analysts said. I2, Ariba, IBM lose Net contract Dallas --- I2 Technologies Inc., Ariba Inc. and International Business Machines lost a contract to build an **Internet** -based marketplace for Johnson & Johnson and several other health care companies. The consortium --- founded by companies including...

... by the brand name 'DaDa,' filed its suit in response to two letters sent by Nike's **attorneys** . LL International said it is seeking compensatory and punitive damages against Nike. It claims Nike has interfered...

... Allstate was sued by three policyholders in Florida who accuse the insurer of overcharging them for auto **insurance** by improperly placing their coverage in a division used for higher-risk drivers. The lawsuit, which is...

...ESTATE: Trammell Crow CEO succeeded by CFO Dallas --- Trammell Crow Co., one of the largest U.S. **commercial** real estate services companies, said President and Chief Executive George Lippe retired and was succeeded by Chief **Financial** Officer Robert Sulentic. Lippe joined Trammell Crow in 1978 and had been president and CEO since January...

... Circuit City to set up a 'department of diversity management' and submit to oversight by the plaintiffs' **lawyers** and a federal judge. A jury found in 1996 that Circuit City discriminated against blacks in making **promotion** decisions at its Richmond headquarters. Walgreen planning 500 new stores in '01 Deerfield, Ill. --- Walgreen Co., continuing an aggressive expansion **program** launched 12 years ago, said Monday it plans to open 500 new stores next year. The drugstore chain made the disclosure while announcing **record** fourth-quarter and fiscal 2000 sales and earnings. Prescription sales, which accounted for 55 percent of the...

... year ended Aug. 31, compared with an increase of 19 percent in the year-earlier period. TECHNOLOGY: **Recording** industry grilled by judges in Napster case San Francisco --- Three federal appeals judges put the onus on the **recording** industry Monday, grilling its **attorneys** about why a lower court's injunction against Napster Inc. should be reinstated and the song-sharing service shut down. The panel of the 9th U.S. Circuit Court of Appeals peppered **recording** industry **lawyers** with queries, trying find out how exactly Napster's service should or could be monitored to weed...

... com Inc.'s fight to bar rival Barnes & Noble.com Inc. from using a patented single-click **online** purchasing method drew a skeptical response from a federal appeals court, which questioned whether the invention was...

... computers to play games designed for Sony's PlayStation. Sony claimed that Connectix illegally copied the software **program** that runs its popular Play-Station. Connectix made the copies as part of a reverse engineering effort... schedule for its appeal of a federal verdict that found it repeatedly violated federal competition laws. Microsoft **lawyers** said Monday they would be able to mount their defense in 60 days, while Justice Department **lawyers** would have a similar period to reiterate their case against the software giant. The appeals court, which...

... rivals, will also settle unspecified legal issues and work together to develop applications based on Microsoft's **Internet** -based .NET initiative. TRANSPORTATION: Vehicle rollover ratings expected by year-end Washington --- The government **investigation** of the Firestone recall has focused attention on tire safety and also helped clear the way for the first U.S. vehicle rollover ratings, which could be out by year's end. Safety **advocates** hope the ratings eventually lead the government to require automakers to meet standards to limit rollovers. They **point** to federal statistics showing that while the national traffic fatality rate reached a **record** low last year, rollover deaths continued to climb, from about 9,500 in 1997 to 10,280...

... S de RL for about \$55 million in cash plus potentially as much as \$30 million in **incentive** payments. Tower said the 800 jobs, about 5.7 percent of its work force, will be cut...

... an alliance to help the world's largest automaker and its dealers work together on traditional and **Internet** sales. The manager of information for auto dealers didn't say when it expects to reach an...

... memorandum of understanding on an alliance that would make Reynolds & Reynolds GM's exclusive provider of dealer **electronic** -commerce technology. The alliance would give GM a 10 percent stake in the

## Search report

information managing company. American Airlines, AOL launch venture Fort Worth, Texas --- American Airlines and America **Online** began a joint effort that lets travelers redeem frequent-flier miles for merchandise and services through AOL and allows **online** shoppers to earn miles toward tickets from the airline. The AOL AAdvantage **program**, first announced in January, lets the company add the airline's frequent-flier members to its network. It also gives American another channel to reach customers who want to book tickets on the **Internet**. Members of the joint **program** will be able to earn **points** by booking reservations with American and its airline partners, or with the carrier's hotel, restaurant and...

... boosting earnings by as much as 25 percent next year. WORKPLACE: Boeing execs to receive stock in **incentive** plan Seattle --- Boeing Co. **awarded** 2,000 senior executives shares valued at about \$140 million last week under an **incentive** plan triggered by the company's rising stock price, Boeing officials said. The plan could net the...

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10756045

### DAILY BRIEFING

Atlanta Constitution (AC) - Tuesday, September 12, 2000

By: Staff reports and news services

Edition: Home Section: Business Page: D2

Document Type: Brief

Word Count: 2,707

### TEXT:

Denotes item of particular local interest.

**ADVERTISING** : Austin Kelley lands account from Japan > Austin Kelley **Advertising** has been selected to handle everything from packaging to **promotion** for a Japanese maker of office products. Atlanta-based Austin Kelley started work on the Tombow Pencil Co. Ltd. account Sept. 1. Agency President Geoffrey Nixon said Austin Kelley will design new packaging and **ads** for Tombow's products. The deal is worth about \$1 million and covers the North American market...

... Globecom secures \$2.3 million in contracts Hauppauge, N.Y. --- Globecom Systems, which designs and installs satellite **communications** systems, said it received five contracts valued at a total of \$2.3 million from several undisclosed...

...a U.S. customer for use in marketing demonstrations. The Hauppauge-based company also will provide a **communications** system in Kenya to link the country to the **Internet** and an upgrade to **digital** equipment from analog for a Tel Aviv, Israel-based broadcaster. Investment firm buys Sergeant's Pet Products...

... The proportion of American families having at least one credit card jumped significantly between 1970 and 1998, **research** by the Federal Reserve shows. In 1998, 73 percent of American families had one or more credit cards, up from 51 percent in 1970, according to the **surveys** of consumer **finances**, a series sponsored by the Fed, sometimes jointly with other agencies. Treasury bill rates fall in weekly...

...year Treasury bills fell to 6.20 percent last week from 6.23 percent the previous week. **FINANCE** : Report: Goldman favored Wal-Mart with credit line New York --- Goldman Sachs Group, which refused to extend...

## Search report

... by refusing to list the same stock options on more than one exchange. The action ends an **investigation** by Justice and the Securities and Exchange Commission into options trading by the four exchanges, which up...  
... The company announced a \$5 million infusion of venture capital. The money will allow accelerated development of **Internet**-based shipping services for both domestic and international markets. Trencor Ltd., a South African holding company for...

... deployed transportation software for domestic and international businesses. Trencor's business is the leasing, owning, managing and **financing** of marine cargo containers, as well as manufacturing and exporting containers for international markets. **HEALTH CARE** : SmithKline provides **documents** to House panel Washington --- Drug manufacturer SmithKline Beecham met a Monday deadline and gave the House Commerce...

... that spell out the company's pricing determinations for the anti-nausea drug Kytril. The committee is **investigating** allegations that SmithKline and six other companies are overcharging the **Medicare** system. Among **subjects** of the internal memos and other documents were marketing strategy and criticism of marketing practices of other...

... have repeatedly asked the company's board to consider selling the company, repurchasing shares or a going-**private** merger. Shares of Scherer closed Monday at \$4.13. Medtronic makes offer for Cyberonics Minneapolis --- Medtronic Inc...develop run-flat tire Midland, Mich. --- Dow Chemical said it will develop with Michelin an inner-tire **support** that can ride out a flat. Michelin and Dow agreed to develop a layer made of polyurethane  
...

... Encore Group. Canada's BCE looking to control any venture Montreal --- BCE Inc., Canada's No. 1 **telecommunications** company, will only strike an alliance with another media company if it can have control of the...

... the Globe and Mail, one of the country's two national newspapers. PEOPLE: Guilford Mills names chief **financial** officer Greensboro, N.C. --- Guilford Mills Inc. named Kim Thompson chief **financial** officer and vice president, replacing Terrence Geremski, who left to pursue other interests. The fabrics manufacturing company...

... controller. REAL ESTATE: Post Properties sells Mississippi properties > Atlanta-based Post Properties sold its Post Mark, Post **Pointe** and Post Trace communities in Ridgeland, Miss., to Case Ventures for \$44.6 million. Post's Mississippi...

...Houston --- Compaq Computer said it will join cellular phone maker Nokia to develop gear that delivers wireless **Internet** connections to businesses. The companies will integrate Nokia's software into Compaq servers that will let company employees send and receive **electronic** mail, check information on customers' orders and use other functions from cellular phones and wireless devices. Compaq ...to distributors and also to businesses. Covad to receive \$150 million from SBC Santa Clara, Calif. --- Covad **Communications** Group said it will add more Web connections than expected and receive \$150 million from SBC **Communications**. Covad said **digital** subscriber line installations this quarter will exceed analyst forecasts by 30 percent, with 200,000 in service..

... also considering buying Toshiba's storage products and new kinds of memory. TELECOMS: Time Warner Telecom gets **financing** for deal Littleton, Colo. --- Time Warner Telecom said it received \$1.2 billion in **financing** from three banks for its purchase of rival GST **Telecommunications**. Time

## Search report

Warner Telecom said it received a \$525 million secured credit line from Chase Manhattan Bank and...

... million and pay for capital expenditures. New Cisco software designed for voice-on-Net San Jose, Calif. --- **Internet** equipment provider Cisco Systems said Monday it will begin shipping new software that might help speed the movement toward voice-over- **Internet** telephony. Cisco hopes to capture a commanding share of the nascent market, commonly termed VoIP, by providing equipment and software that dramatically improve the quality of data and voice transmissions over the Web. **Internet** telephony has been touted for years, but its widespread adoption has been hindered by poor sound quality...

... July 5, Rhadigan said. Ford-Mazda venture in Thailand gains steam Tokyo --- Ford and Mazda exported a **record** 5,490 pickup trucks from their joint venture production base in Thailand as the companies step up...

... status on behalf of thousands of Philips retirees in up to a dozen Philips plants, according to **attorney** Edgar Pauk, who filed the suit.

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10696121

### DAILY BRIEFING

Atlanta Constitution (AC) - Friday, July 14, 2000

By: Staff reports and news services

Edition: Home Section: Business Page: F2

Document Type: Brief

Word Count: 2,143

### TEXT:

... A Goldman Sachs spokeswoman said affected employees will be reassigned within the Archon division.

Food/Beverage: Public **relations** agency appointed by CCE  
> Coca-Cola Enterprises has selected Manning, Selvage & Lee to provide corporate communications services. The public **relations** agency will help the Coke system's largest bottler "bring clarity to our messages" inside and outside...

...about 30 jobs in the sales force, said spokesman Jerry Buckley. Campbell doesn't expect a significant **financial** impact from the cuts.

Pepsi-Gemex to buy Mexican bottling firm

> Mexico City --- Pepsi-Gemex SA, Mexico...

...to slash 100 jobs

New York --- Mediconsult.com Inc., an Internet provider of health care information to **physicians** and patients, said Thursday it laid off nearly half of its work force and hired an adviser...

... allow it to invest in revenue-producing services for its pharmaceutical clients.

Media: Virgin Audio forms separate **online** unit

Washington --- Entrepreneur Richard Branson's Virgin Entertainment Group created a separate company, Virgin Audio Holdings LLC, for its **online** audio business. The new Los Angeles-based company features 23 music "stations" offering various music styles delivered through Radio Free



## Search report

Virgin at [www .radiofreevirgin.com](http://www.radiofreevirgin.com), according to a filing with the Securities and Exchange Commission.

Imax exploring sale, merger options...

... U.S. maker of small satellites, said it hired Garrett Pierce as executive vice president and chief **financial** officer, replacing Jeffrey Pirone, who will remain a consultant to the company. Pierce, 55, who served as...

... for the company for nine years. Pirone left for personal reasons, Orbital said.

Technology: CheckFree, Equifax aid **online** bill paying

> A new deal between Atlanta companies CheckFree and Equifax will make it easier and safer for consumers to pay their bills. **online** . CheckFree sells its technology to billers, so that they can offer consumers an **online** payment option. CheckFree's service will include Equifax's authentication engine, which will ...to announce contract with Ford

> Atlanta-based SynQuest said it will announce the largest contract in its **history** today. The multimillion-dollar contract is to sell software to Ford. Synquest's software will help shorten...

... in damage to technology companies now has federal permission to pursue work as a computer consultant or **online** writer. It's a "'180-degree change'" in the restrictions previously enforced by Kevin Mitnick's probation officer, Mitnick's **attorney** , Donald Randolph, said Wednesday. Under terms of his 1995 plea agreement, Mitnick had been barred from any contact with computers, cellular phones or any other technology capable of **online** access. Mitnick is now allowed to pursue some computer-related work, Randolph said. Among the jobs approved: writing for Steven Brill's **online** magazine Contentville, speaking in Los Angeles on computer security and consulting on computer security.

Telecoms: BellSouth sells 9,000 cell subscribers

> Concord, N.C. --- CT **Communications** Inc. agreed to buy 47 cell sites, about 9,000 subscribers, from BellSouth Corp., as part of the BellSouth Mobility DCS Partnership, for about \$20 million. CT **Communications** said it plans to fund the acquisition through debt and the sale of investment securities.

Motorola, AT...

... New York --- Kohlberg Kravis Roberts & Co. will invest as much as \$190 million for part of NewSouth **Communications** . An additional \$55 million was provided by a group that includes Carousel Capital Partners, CIT Venture Capital...

... phones as small as wristwatches. The technology consists of mounting a high-frequency analog circuit and a **digital** circuit on a single chip, the Nihon Keizai Shimbun said in its Friday morning edition, citing company...

...for audits

Washington --- Delta, Northwest and Trans World are the next airlines that will have their maintenance **programs** audited by the Federal Aviation Administration, according to a tentative FAA schedule. Inspectors would begin audits at...

... West Airlines Inc. and Continental Airlines Inc. The inspections were prompted by the FAA's discovery of **record** -keeping problems at Alaska Airlines, a unit of Alaska Air Group Inc., in April.

More car buyers shopping on **Internet**

San Jose, Calif. --- Almost half of new-car buyers shopped for their vehicle on the **Internet** , up from 25 percent two years ago, according to a recent **survey** by the Gartner Group Inc. Forty-five percent of those

## Search report

**surveyed** said they went **online** to **research** a vehicle, and 3 percent made the purchase over the **Internet**. Most **online** shoppers used Web sites to compare prices or request price quotes, the **survey** said. A **survey** by J.D. Power & Associates last year said that an estimated 60 percent of car buyers will log on to the **Internet** before buying a car in 2001, up from 17 percent in 1997. Gartner **surveyed** 40,000 new-vehicle buyers from last September to March.

Utilities: Tosco to purchase Louisiana refinery  
Stamford...

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### DAILY BRIEFING

Atlanta Constitution (AC) - Thursday, June 15, 2000  
By: Staff reports and news services  
Edition: Home Section: Business Page: F2  
Document Type: Brief  
Word Count: 2,313

### TEXT:

...two of the nation's largest diversified chemical firms. Questions raised in negotiations between Federal Trade Commission **investigators** reviewing the proposed deal and company **lawyers** prompted Dow and Union Carbide on Wednesday to push back the close of the combination to the...

...in the new year.

Lucent gets contract for Winter Olympics

Salt Lake City --- U S West Inc. **awarded** Lucent Technologies Inc. a contract to build a **communications** network for the 2002 Olympic Winter Games in Salt Lake City. The contract is valued at about...

...91 percent of software maker Epicon Inc. it doesn't already own for \$275 million in stock.

**Internet Commerce**: The provider of services that let companies exchange invoices and purchase orders over the Web agreed to buy **Research Triangle Commerce Inc.** for \$42 million in cash and stock to add consulting services.

**MCK Communications** : The maker of remote voice-access products said it bought **Digital Techniques Inc.** for about \$24 million in cash and stock to add voice- **recording** products and other services.

**Finance** : Extradition hindered for rogue **financier** Frankel

Hamburg, Germany --- German prosecutors say rogue **financier** Martin Frankel did not pay taxes on a cache of diamonds found in his hotel room, a ...

... in Germany, ' Frankel, 45, told reporters in a Hamburg courtroom. Also on his trail are U.S. **insurance** regulators from five states looking to recover the millions they say Frankel stole from insurers and funneled...

... run from his Connecticut mansion. He also faces numerous federal and state criminal charges.

Hartford to sell **insurance** via Sears

Hartford, Conn. --- Hartford **Financial Services Group** said it has signed an agreement to sell its auto and homeowners **insurance** policies through retailer Sears, Roebuck & Co. The agreement marks the first time that Sears has teamed up with an insurer to sell auto and homeowners **insurance** to its customers since Allstate Corp. stopped selling its policies in Sears stores five years ago. The...

## Search report

... came from CUC International Inc., which merged with HFS Inc. to form Cendant in 1997. Former Chief **Financial** Officer Cosmo Corigliano, former Controller Anne Pember, and Casper Sabatino, former vice president of accounting and **financial** reporting, pleaded guilty to charges including wire fraud and conspiracy, said a spokesman for the U.S. **Attorney** 's Office in Newark, N.J. The three face a maximum penalty of five years in prison...

...said.

Racketeering suit filed against New York Life  
Philadelphia --- A former vice president of New York Life **Insurance** Co. filed a racketeering lawsuit Wednesday on behalf of tens of thousands of employees and **agents** whose pension and 401(k) plans were allegedly used as 'seed money' for New York Life's...

...allies with mySAP.com

Charlotte --- Bank of America Corp. said it will partner with mySAP.com, the **electronic** business unit of Germany's SAP AG, to build an **Internet**-based foreign exchange trading service. Customers of the bank who use mySAP.com accounting software will be able to execute foreign exchange transactions, identify currency exposure, and access Bank of America's **research** over the **Internet**, the bank said. There is no date set for introduction of the new service. Separately, Germany's SAP said it won the largest software order in its **history** from Nestle SA, which will make mySAP.com applications accessible to its work force. SAP AG is...

...lager, Britain's No. 1-selling brew.

Hospitality: OpenTable.com launches in Atlanta  
> OpenTable.com has begun **online** service in Atlanta. The service allows diners to make reservations at some of the city's top...WebMD Corp. sued a Web site operator for allegedly using the domain name wbmd.com to direct **Internet** traffic toward sites selling prescription drugs and sex toys. James Michael Smith of Atlanta has been using...

... Visitors also have been routed to a Web site that sells pornographic materials and provides access to **online** sex shows, according to the lawsuit filed May 24 in federal court in Atlanta. Smith said he...

... Gamble, Nestle SA and 46 other consumer-goods makers are investing \$250 million in Transora.com, an **online** marketplace where they can negotiate prices with suppliers, buyers and distributors to lower costs. The companies, which...

...to accelerate a consolidation of its operations this year as the company moves to improve efficiency, Chief **Financial** Officer Michael Sears said. Sears said the company, which employs 189,000 people in more than two...

... plans to make Office Depot products and services available through its WebTV interactive television service, its eShop **Internet** shopping channel, and other venues. The bCentral Web site caters to small and growing companies, providing services to help them get started on the **Internet** and **promote** their **online** sites.

Media: TBS to help offer info in Spanish, Portuguese  
> Turner Broadcasting System announced a \$20 million deal to share content and become a part-owner of a company that provides **Internet** **health** **information** in Spanish and Portuguese. TBS' CNN en Espanol, CNNenEspanol.com and CNNBrasil.com will use **health** **information** provided by Miami-based Salutia, its new **Internet** health partner. Salutia's site, [www .Salutia.com](http://www.Salutia.com), will receive international news and information from CNN units. TBS announced separate deals last week...

Search report

...and links on Web sites.

Retail: CDNow continuing search for investment

Fort Washington, Pa. --- CDNow Inc., an **Internet** music seller, said its quest for an investment or merger could produce offers that are below its ...

...is continuing to negotiate with several of those investors.

Technology: TiVo Inc. shares jump 74 % on AOL **support**

Dulles, Va. --- Shares of TiVo Inc., which sells a service letting television viewers pause and replay live TV, jumped as much as 74 percent after America **Online** Inc. said it will invest \$200 million in the company. America **Online**, which also is buying Time Warner, will become TiVo's largest shareholder with a 24 percent stake...

... Red Hat Inc., a developer of Linux, the free computer-operating system, agreed to buy closely held **communications** -software maker WireSpeed **Communications** Corp. for about \$34.4 million in stock. The company said it will issue 1.53 million...

...the future performance of WireSpeed.

Also ...

RadioShack Corp.: Made a \$30 million investment in DigitalConvergence.com, an **Internet** technology company.

Transportation: Transit Group joins **online** services

> Transit Group Inc. joined the National Transportation Exchange, an **online** vendor of ground transportation services. Terms weren't disclosed. Atlanta-based Transit Group said that as a...

... can buy and sell transportation space for its clients. Transit Group also said it will create a **customized** link to the exchange, [www.transitgroup.com](http://www.transitgroup.com), that will focus on capacity in the trucking industry. The company said an initial version... Air Canada link their ticketing services

Chicago --- United Airlines and Air Canada began offering an inter-airline **electronic** -ticketing service, which links the computer reservation systems of both carriers. United said the **online** ticketing service lets **Internet** customers use a single **electronic** ticket for travel on more than one airline. United said the alliance followed an Air Canada **survey** that recently showed travelers favor **electronic** ticketing services and want them expanded. Company Web site: [www.united.com](http://www.united.com).

GM to build 1 million fuel-efficient trucks

Detroit --- General Motors said it will build...

...workplace

> Employees are observing widespread illegal and unethical conduct in the workplace despite the presence of ethics **programs** at many companies, according to a nationwide **survey** of more than 2,300 workers by KPMG LLP, the professional services firm. Nearly half of 3...

... news media. Violations included deceiving or lying to customers, mishandling proprietary or confidential information, improper manipulation of **financial** data, sexual harassment, employment discrimination, unsafe working conditions and environmental breaches.

Also ...

> Administaff: The Houston-based provider...

16/3,K/16 (Item 8 from file: 713)

DIALOG(R) File 713:Atlanta J/Const.

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Search report

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**DAILY BRIEFING**

Atlanta Journal-CONSTITUTION (AJ-CONSTITUTION) - Saturday, May 20, 2000

By: Staff reports and news services

Edition: Home Section: Business Page: F2

Document Type: Brief

Word Count: 2,480

**TEXT:**

Denotes item of particular local interest

**Advertising** : Clear Channel to buy French **advertising** firm  
San Antonio --- Clear Channel **Communications** Inc. said it agreed to buy French **advertising** company France Rail **Publicite** , a subsidiary of French railway operator Societe Nationale des Chemins de Fer Francais. The price wasn't...

... 19 television stations in the United States, and owns billboards across the country. It said France Rail **Publicite** , which places **advertisements** on trains, billboards and buses, has annual revenue of about \$100 million. Clear Channel had \$2.68...

... Corp. if the U.S. phone companies can find other ways to reduce their presence in the **Internet** market, Bloomberg News reported, citing a person familiar with the deal. The \$143 billion acquisition is facing...

... the European Union and the United States. The EU is concerned that the combined company may control **Internet** access and dominate the sale of phone services to corporations.

Wesley Jessen still fighting takeover deal  
Des...

...Chestnut Hill, Mass. --- Harcourt General Inc. plans to buy the stake it doesn't own already in **Internet** medical site **MD** Consult from Wolters Kluwer NV and has sold its professional publishing business to the Dutch company. Terms...

... transactions between Harcourt, the largest U.S. elementary school textbook publisher, and Wolters Kluwer weren't disclosed. **MD** Consult, [www.mdconsult.com](http://www.mdconsult.com), sells **medical information** , mostly to **doctors** . As sole owner, Harcourt wants to use the site to develop **online** distribution channels for its scientific, technical and medical publications.

Economy: Trade deficit soars to another **record** .high  
Washington --- America's trade deficit widened to a **record** \$30.2 billion in March as the nation's bill for foreign crude oil hit an all...

... trade liberalization bill with China, sought to minimize the bad news. But opponents of the China deal **pointed** to the widening deficit as evidence that President Clinton's trade policies are not working. The Commerce...

... deficit for March was 5.1 percent higher than a revised February imbalance of \$28.7 billion.

**Finance** : Fed staff formulating e-commerce rules  
Washington --- Federal Reserve staff members have largely completed work on regulations on how banks will have to provide **online** consumer protection disclosures --- the "fine print" on loans and other transactions --- but are now awaiting the outcome of Capitol Hill action on " **digital** signature" legislation. The legislation is aimed at laying a framework for e-commerce transactions, but has been...

... over how broad it should be. The rules would set out what would

## Search report

constitute adequate disclosure for **electronic** transactions **online** . It would cover such things as account opening and change-in-terms notices, disclosures consumers are used...

... on the issue. No decision on the application will be made until after that date. Like other **Internet** companies, Yahoo owns significant shares in other companies. If Yahoo's holdings in other firms, including Yahoo...

... a third of its staff in an attempt to save money, a company spokeswoman said Friday. The **Internet** health company co-founded by former U.S. Surgeon General C. Everett Koop laid off 30 employees...their price in a later filing. Founded in December 1994, Amerigroup provides managed care to members of **Medicaid** , a federally funded health **insurance** plan for the poor that is administered by state governments. Amerigroup also seeks to provide managed care under the Children's Health **Insurance Program** , or CHIP, a federal initiative for low-income youngsters who aren't covered by **Medicaid** or other **insurance** plans.

Manufacturing: Burlington Industries names operating chief

Greensboro, N.C. --- Douglas McGregor was named president and chief...

... it bought two cable TV channels for about \$100 million to increase the variety of its cable **programming** . USA Networks got the channels by buying North American Television Inc., a joint venture of Canadian Broadcasting...

...said its Re Flex WebPhone, a listing of multiple real-estate properties, is accessible to real estate **agents** using AT&T PocketNet service or any other service using hand-held device markup language. Terms were...

... Tegriss makes business-to-business technology for the real estate industry. Tegriss's Web site is [http:// www .tegriss.com](http://www.tegriss.com).

Retail: Slim family raises its stake in OfficeMax

Washington --- The family of Carlos Slim Helu...

...by tech leaders

Stanford, Calif. --- Technology industry leaders told a federal panel Friday that exemptions to the **Digital** Millennium Copyright Act could undermine their efforts to combat increasing cases of music, movie and software piracy...

... U.S. Copyright Office is holding hearings on whether to exempt certain technology uses from the act.

**Researchers** criticize **online** opinion **polls**

Portland, Ore. --- Pollsters say the **Internet** allows them to collect public attitudes more quickly and cheaply than the telephone. But many of the public opinion **researchers** gathered here this weekend say **surveys** done strictly **online** don't measure up. They say pure **Internet** polling fails to **survey** people who don't have computers --- people who tend to have lower income and less education, people more likely to be minorities. And they say it ignores some basic principles of **survey research** , especially the concept of random sampling.

Bank of America, H-P, Broadvision in venture

New York --- Bank...

... a.m. Monday. Broadvision, with 1999 revenue of \$115.5 million, designs software for businesses to build **online** sites for e-commerce, customer service and interactive content delivery.

IBM to make copper chips for Compaq...

... their families as it tries to jump-start its aging pager business. The Talkabout T900 Personal Interactive **Communicator** comes in four colors and is smaller than the company's PageWriter 2000X two-way pager for...before the case was scheduled to go to trial in San Francisco County Superior

Search report

to resolve a dispute among phone companies over how to compensate each other for **Internet** connections.

ISPs will get high-speed access, Comcast says

Washington --- Comcast Corp. said it plans to provide **Internet** service providers with access to high-speed connections in two years, when an exclusive contract with Excite...

... surprised by the statement. Comcast declined to comment on whether any discussions were in progress with rival **Internet** companies.

Transportation: Ford ready to spin off its Visteon parts unit

> Dearborn, Mich. --- Ford Motor Co. won...

... parts makers' stock prices rebound to spin off or sell shares in its Visteon parts unit, Chief **Financial** Officer Henry Wallace said. Visteon is 'pretty well along' in working with investment bankers to prepare **financial** and legal documents for an initial public offering or a spinoff to Ford shareholders, Wallace said. He...

... Arrangement Act. The creditors include Lazard Freres & Co., the largest investment-banking partnership, and Mass Mutual Life **Insurance** Co., fifth-largest U.S. mutual life insurer.

Saturn cuts production of S-series cars, wagons

Spring...

...General Motors didn't say how many cars the plant will produce after the change.

Feds are **investigating** Cadillac air bag mishaps

Washington --- A federal safety agency is **investigating** some Cadillac DeVilles after 32 people reported being hurt when side-impact air bags deployed without a...

16/3,K/18 (Item 10 from file: 713)

DIALOG(R)File 713:Atlanta J/Const.

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10568060

**DAILY BRIEFING**

Atlanta Constitution (AC) - Wednesday, March 8, 2000

By: Staff reports and news services

Edition: Home Section: Business Page: F2

Document Type: Brief

Word Count: 2,274

**TEXT:**

...Fla.

Media, Pa. --- Nobel Learning Communities Inc. closed the acquisition of two schools in Georgia and Florida. **Financial** terms weren't disclosed. The company said the Georgia school, its first in the state, generates about...

...Florida school from a company called Kids 1st.

Also ...

Merger called off: RoweCom Inc., a provider of **online** book and journal subscription services, called off its \$227 million acquisition of NewsEdge Corp. after NewsEdge shares...

... The maker of equipment that tests high-precision products for defects said Tuesday it agreed to acquire **privately** held Firefly Technology Inc. for \$100 million in stock.

**Finance**

Altiva **Financial** receives funds

>> Altiva **Financial** Corp. of Atlanta said its cash situation and balance

## Search report

sheet have improved because it received the final...

...Merrill last July for the switch.

WFN to acquire licensed broker

San Bruno, Calif. --- WFN Women's **Financial** Network agreed to buy British American Securities, a licensed broker. WFN said it will become the nation's first **online** brokerage firm owned by women and created specifically to address women's **financial** needs. WFN plans to formally launch the broker-dealer under a new name, WFN Invest, upon final...for Reconstruction and Development in London, was expected to be the new European Union candidate. German Deputy **Finance** Minister Caio Koch-Weser said Tuesday he was pulling out "so as not to stand in the way of better understanding with the United States."

Health Care

Drkoop.com venture **targets** employers

Austin, Texas --- Drkoop.com Inc. and Lifescape LLC formed Benefits **Internet** Group, an **online** health and benefits resource venture developed for employers. Drkoop said Benefits intends to make and sell AtWorkCafe, which will provide employees access to interactive general and behavioral **health information**. The portal product, which will enable users with the means to acquire **insurance** policies, also provides access to a daily news service. The companies expect to launch AtWorkCafe in the third quarter.

Justice Department **investigating** Immunex

Seattle --- Immunex Corp. said the Justice Department has asked it for documents on the pricing of several drugs, becoming the latest drug company to disclose the government is **investigating** its marketing. Immunex, which gets 70 percent of its sales from the arthritis treatment Enbrel, said the ...

... cancer drugs leucovorin calcium and methotrexate sodium injectable. Immunex discounts those drugs to suppliers that sell to **Medicare**, the federal health **insurance** plan, and to state **Medicaid** plans.

Hospitality

Bass reports rises in per-room revenue

>> Bass PLC's Bass Hotels & Resorts said its...

... Chief Operating Officer David Cote. The company will use cash from the auto parts business to help **support** growth in its satellite, **telecommunications**, aircraft parts and computer systems businesses, he said. "Splitting up the company is a silly idea," Cote...

...of the automotive industry.

Media

NDS Group to license software to Microsoft

London --- NDS Group PLC, the **digital** television unit of Rupert Murdoch's News Corp., said it will license its software to Microsoft Corp ...

... TV services such as interactive games to a bigger market. The software of London-based NDS helps **digital** TV operators deliver video-on-demand, interactive TV **program** guides and other features. Microsoft will add it to a new, enhanced-TV product to be released...

...work on some existing cable and satellite systems.

Charter to acquire Mich. cable system

St. Louis --- Charter **Communications** Inc., the cable television company owned by billionaire Paul Allen, agreed to buy Cablevision Systems Corp.'s ...

... plans to spin off its ZD Events trade show business as it prepares to merge with its **Internet** unit, ZDNet. Ziff-Davis plans to form a publicly



Search report

traded holding company for ZD Events, which runs...

... strongest month for housing starts in the past 12 months, but regional results were mixed. The West **recorded** the only significant gain, up 7.3 percent from December. The Midwest and South "eked out small...

... merger with U S West Inc. if that company's planned merger with long-distance company Qwest **Communications** International Inc. falls through. "We can ...spar over long-distance  
New York --- AT&T Corp. said Tuesday it intends to ask the Federal **Communications** Commission to suspend Bell Atlantic's long-distance privileges until it fixes **record**-keeping systems that serve competitors. The national long-distance carrier said it would also ask the FCC to order rapid repairs by the Baby Bell. A Bell Atlantic **representative** responded that the systems are handling more than 10,000 orders for local lines each day.

**Internet** causing more indentity theft

Washington --- The **Internet** is fueling a surge in identity theft, and the Federal Trade Commission expects to receive 200,000...

... identity theft, a thief steals another person's name, Social Security number, credit card number or other **personal** information.

Intel employees to receive free PCs

Santa Clara, Calif. --- Intel Corp. said it will offer free...

... PCs to all its employees, a move to help its 70,000 workers get connected to the **Internet**. The company will seek bids from PC makers for the contract, which will offer computers with Intel's Pentium III chips, unlimited **Internet** access, a printer, monitor and **digital** camera pack. The company expects to start delivering systems to employees around the world starting in the...

16/3,K/19 (Item 11 from file: 713)  
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10529086

**DAILY BRIEFING**

Atlanta Journal-CONSTITUTION (AJ-CONSTITUTION) - Saturday, January 29, 2000  
By: Staff reports and news services  
Edition: Home Section: Business Page: B2  
Document Type: Brief  
Word Count: 2,643

**TEXT:**

... chocolate is a health food, but it is believed to be the first major chocolate manufacturer to **promote** **research** on the possible disease-fighting properties of the plant compounds found in the candy.  
'Everyone knows that...

... certain health benefits. The good news is, eating well can include chocolate,' according to the Web site, [www.cocoapro.com](http://www.cocoapro.com).

Ralcorp Holdings warns of a profit decrease

St. Louis --- Ralcorp Holdings Inc., the biggest U...

...earn \$1.30 a share, according to the average estimate of analysts polled by First Call/Thomson **Financial**. Ralcorp said in a regulatory filing last month that an ... worldwide, said in the suit that Becton has wrongly claimed exclusive rights to two U.S. patents, **awarded** in 1990 and 1993, for a shield to cover needle tips after use.

Columbia/HCA plans to...

...name as it distances itself from a three-year federal probe and multiple lawsuits accusing it of **Medicare** billing fraud. Company officials say they don't know when the name will be changed or even...

... San Francisco --- Shares of Trimeris Inc. and Triangle Pharmaceuticals Inc. climbed as the firms prepared to update **researchers** on experimental HIV drugs at a medical conference starting Sunday. Trimeris gave investors a preview of that...

... of a 69 percent stake in Ziff-Davis Inc., plans to spin off the media company's **online** unit ZDNet and sell the trade-show arm, part of an effort to focus on the **Internet**. Tokyo-based Softbank will hold 45 percent of the independent ZDNet. The sale of its ZD Events...

...technology conferences.

FCC backs off rules on educational outlets

Washington --- Amid sharp criticism from legislators, the Federal **Communications** Commission withdrew month-old guidelines governing religious broadcasters' eligibility to operate noncommercial educational stations. The agency issued the guidelines in December as part of a complex transaction involving Paxson **Communications**' Corp. and Cornerstone Television to swap **commercial** and noncommercial TV licenses in Pittsburgh. The FCC since 1952 has reserved channels for educational broadcasters.

FCC schedules forum on AT&T-MediaOne deal

Washington --- The Federal **Communications** Commission will hold a public forum on issues concerning the proposed merger of AT&T Corp. and...

... their say," Cleland said. "They are wisely trying to create a more equitable, fair process."

Also ...

>> Allied **Advertising** : After Universal Pictures names it the agency of **record** for Atlanta and South Florida, the Boston-based **advertising** and public **relations** firm said it will open offices in both places.

Real Estate

EQK Realty picks Newleaf as adviser...

...owner Lloyd T. Whitaker has been appointed president and chief executive officer of EQK, and Vice President- **Finance** and principal David H. Crumpton has been named vice president and chief **financial** officer.

Technology

IXL unit sells control of Iguana sales products

>> IXL Enterprises Inc.'s iXL Inc. unit...

... Interactive. Iguana develops sales presentation systems. IXL, which has headquarters in Midtown, is a company that supplies **Internet** services.

DynaMedix gives ...contract

>> HIE Inc. of Marietta signed a two-year, \$3 million outsourcing agreement with DynaMedix Corp., a **health care information** management company. HIE said under the terms of the agreement, it will provide all service and **support** functions for DynaMedix's implementation of Cloverleaf Gateways software. DynaMedix, a unit of Synergy Medical Informatics, is...

... important milestone in our company's growth." LastMinuteTravel is among several dot-coms that will air television **ads** during Sunday's Super Bowl.

Toyota close to deal to add Onstar system

>> Detroit --- General Motors' Onstar...

... with Toyota Motor to equip the Japanese automaker's vehicles in the

Search report

United States with Onstar's **communications** system, a GM official said Friday. "We anticipate reaching full agreement," said Onstar spokesman Todd Carstensen. He...

16/3,K/20 (Item 12 from file: 713)  
DIALOG(R) File 713:Atlanta J/Const.  
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10525035

**DAILY BRIEFING**

Atlanta Constitution (AC) - Tuesday, January 25, 2000

By: Staff reports and news services

Edition: Home Section: Business Page: E2

Document Type: Brief

Word Count: 2,367

**TEXT:**

Deals: Avista signs companies for **online** billing

Spokane, Wash. --- Avista Corp., the owner of a Pacific Northwest utility, said its **online** billing unit won contracts with Time Warner, Home Depot and other companies. Its shares rose 18 percent...

... companies will be able to consolidate their utility bills with Avista Advantage and pay them over the **Internet**. The unit also tries to help clients cut energy costs.

Alcan Aluminum signs deal with Ford Motor...

... Ford Motor Co., similar to a multibillion-dollar agreement it reached with General Motors Corp. in 1998. **Financial** terms of the contract weren't disclosed. Alcan said it will supply at least 50 percent of...

... AS of Denmark, a maker of ready-to-assemble cabinets, shelves and furniture, for an undisclosed price.

**Finance** : NASD halves fine to Morgan Stanley

Washington --- The National Association of Securities Dealers reduced by half a...

...cards, wrote in a letter to one new customer.

Hartford wins approval for thrift company

Washington --- Hartford **Financial** Services Group Inc., one of the country's largest **insurance** companies, has won permission from federal regulators to operate a new federally insured thrift.

The Office of...

... Richmond --- Eskimo Pie Corp., a maker of frozen desserts, said it is continuing to work with its **financial** adviser, First Union Capital Markets, in pursuing a possible sale of the company to boost shareholder value. Eskimo Pie is involved in "detailed discussions with several parties," the company said. The discussions include **financing** requirements for potential buyers and environmental issues at the company's Bloomfield, N.J., property, it said...

... health coverage to 570,000 Georgia teachers and state employees. Blue Cross and Blue Shield of Georgia, **Private** Healthcare Systems and a joint venture between Medical Resource Network and Georgia 1st were approved. CCN and...

... biggest pacemaker company, plans to spend more than \$228 million to start a system linking teams of **doctors** to heart-disease **patients** through the **Internet**. Medtronic said it will work with Microsoft Corp. and International Business Machines Corp. to develop the system...

## Search report

... is seeking unspecified damages against American Home. In the complaint, Interneuron accuses American Home of deliberately concealing **information** regarding possible **health** risks associated with the use of 'fen-phen,' a combination of the anti-obesity drugs Pondimin (fenfluramine) and phentermine.

Olsten **target** of new **Medicare** probe

Washington --- Olsten Corp., which in July agreed to pay a \$61 million fine to settle a **Medicare** fraud **investigation**, said it was facing a second probe into whether it overbilled the government health **insurance** **program** for the elderly. The company, the largest U.S. provider of home **health** **care** **services**, said its newly named Gentiva Health Services Inc. home health care unit was subpoenaed for information last...

...the U.S. Department of Health and Human Services.

Delphi joins workers comp settlement

New York --- Delphi **Financial** Group Inc., an insurer, said it joined an industrywide settlement of workers compensation **insurance** losses from transactions arranged by Unicover Managers Inc., a former subsidiary. Delphi said it was released from...

...for genetic library

Armonk, N.Y. --- International Business Machines Corp. joined a group of drug companies and **research** centers to create a library of human genetic markers that indicate causes of diseases. IBM will contribute...

...share provider Vistana Inc. for \$645 million.

Media: Citadel unit to buy broadcasting firm

Bloomington, Ill. --- Citadel **Communications** said that its Citadel Broadcasting unit has agreed to acquire Bloomington Broadcasting for \$176 million in cash...

...its Bloomington, Ill., base and in a number of cities in Michigan, South Carolina and Tennessee. Citadel **Communications**, which is based in Las Vegas, buys, owns and operates radio stations in midsize markets.

Judge refuses...

...daily tabloid that debuted at transit stops Monday, despite objections from competitors that said the paper's **relationship** with the city's transit agency was unconstitutional and unfair. The judge refused to grant the temporary restraining order sought by the publishers of The Philadelphia **Inquirer**, the Philadelphia Daily News, The New York Times and USA Today against Southeastern Pennsylvania Transportation Authority.

Emmis to acquire Los Angeles magazine

Indianapolis --- Emmis **Communications** Corp., owner of five city magazines, has agreed to buy Los Angeles magazine from Walt Disney Co...

... weren't disclosed. Emmis also owns 15 U.S. radio stations and plans to link marketing and **advertising** in the magazine with its station KPWR-FM in Los Angeles, a contemporary music broadcaster. The company...

... said the deal is valued at \$56 million. The agreement will allow consumers access to GMAC's **financing** and real estate services through a variety of Web sites and Web-based tools offered by Realestate.com, such as **online** mortgage auctions.

Retail: Flooring America signs credit line deal

> Flooring America Inc. signed a tentative agreement with...

...set-tops for U.K.

> Atlanta-based Scientific-Atlanta and NTL, the United Kingdom's largest broadband **communications** operator, will provide interactive **digital** set-tops for the U.K. market. The three-year agreement calls for Scientific-Atlanta to develop and deliver at least 250,000 set-tops.

## Search report

Bell Atlantic, GTE seek to sell **Internet** unit  
Washington --- Bell Atlantic Corp. and GTE Corp. will ask regulators Wednesday to let them sell most of GTE's **Internet** business to win approval for the \$86.6 billion combination that will create the biggest local telephone...

... The proposal will be a more comprehensive version of a filing presented last year to the Federal **Communications** Commission offering to sell 90 percent of the **Internet** unit to the public, analysts said.

Microsoft to invest \$10 million in Jato  
Microsoft Corp. said it will invest \$10 million in **Internet** -access provider Jato **Communications**, which will rent and deliver its own software **online**. Jato plans to use Microsoft products to create business and e-commerce services and software. It also...

... provides high-speed service on phone lines in Colorado, Texas, Utah and New Mexico.

Williams, Axient sign **Internet** deal  
Oklahoma City --- Williams **Communications** Group said it signed a \$220 million, 20-year agreement with closely held Axient **Communications** to carry **Internet** content on its fiber-optic network. Phoenix-based Axient said it's building an "**Internet** content network" to be started this spring. Tulsa, Okla.-based Williams said it will build and operate...

...United States by the end of this year.

Also ...  
GlobeSpan Inc.: A maker of chips for fast **Internet** access agreed to buy a unit of telephone-equipment maker PairGain Technologies Inc. for about \$242.4...

... stock and debt to speed development of chips that send data over telephone lines.

Network Solutions: The **private** company that has an exclusive contract with the U.S. government to assign **Internet** addresses has convinced a federal appeals court to uphold the dismissal of an antitrust case filed by a competing company.

Transportation: Flightserve.com to use **financing** to expand  
> Flightserv.com obtained \$59.7 million in equity **financing** from the sale of restricted common stock and warrants. The Atlanta-based company, which provides **Internet** -powered **private** jet travel services, said the transaction provides for an initial investment of \$11 million. Funds will be...

...cars annually and employ 1,500 workers.

Lease Plan launches e-commerce venture  
> Lease Plan USA, with **assistance** from IBM Global Services, launched an e-business initiative for the fleet leasing industry. It will enable...

16/3,K/21 (Item 13 from file: 713)  
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10515084

### DAILY BRIEFING

Atlanta Journal-CONSTITUTION (AJ-CONSTITUTION) - Saturday, January 15, 2000

By: Staff reports and news services

Edition: Home Section: Business Page: E2

Document Type: Brief

Word Count: 2,558

## Search report

TEXT:

### Advertising

Papa John's takes \$5 million charge

Louisville, Ky. --- Papa John's said it will take a...

...costs are likely to be accounted for in the first quarter.

'Flo' stops her griping in pharmaceutical ads

Washington --- 'Flo,' the elderly bowler in the television ads, won't be complaining about 'big government in our medicine cabinets' any more. U.S. drug makers, anxious to ease their strained relationship with President Clinton over his proposed Medicare prescription drug benefit, will shelve ads attacking the plan. They will be replaced with ads that are 'very positive in terms of talking about what it is we are for, as opposed...

...focusing on what it is we might have concerns about,' said Alan Holmer, president of the Pharmaceutical Research and Manufacturers of America.

Deals

Israel orders 50 F-16s from Lockheed Martin

>> Fort Worth, Texas --- Lockheed...

... Commission that it will complete its \$35 billion buyout of Atlantic Richfield Co. within 20 days, a lawyer for the company said, raising the chance of a court fight over antitrust issues that could last...

...the merger to go through or, as expected, challenge it in court.

Time Warner unit buys London records

New York --- Time Warner Inc.'s Warner Music International unit said it has acquired London Records --- an independent record label based in Britain and owned by Time Warner music chief Roger Ames. Time Warner said it purchased London Records' publishing unit, FFRR Music Ltd., as part of the deal. London Records will operate as a separate company, Warner Music added in a statement.

Also ...

>> BB&T: The Winston...

... valued at \$501 million. A name change, Premier to BB&T, will occur in the third quarter.

### Finance

Fed will ask big banks for more risk data

Washington --- The Federal Reserve is preparing to ask large banks to disclose more details about their financial risks, such as concentration of loans by industry and region, Fed Governor Laurence Meyer said. The proposal...

... and Bank of America Corp. His comments came in remarks prepared for a National Bureau of Economic Research conference in Islamorada, Fla.

Fraud at Iowa bank costs FDIC millions

Washington --- The Federal Deposit Insurance Corp. said the federal bank insurance fund stands to lose between \$18 million and \$25 million because a small Iowa bank failed due...

... Management, a New York money manager, because the fund misrepresented its net assets. The firm and its lawyers had spoken with Manhattan Capital and been told that the 'basis of the calculation of the net...on Friday filed notice that they are joining a motion filed earlier by Dow Corning and the lawyers for thousands of women who voted in favor of the settlement. They are asking to have overturned...

... food-service sales force and begin a marketing campaign to boost sales

## Search report

to restaurants, hotels and other **commercial** meal makers. It will begin the reorganization after a five-year contract with Alliant Foodservice Inc. expires Feb. 12. Alliant, a former Kraft business, is the exclusive distributor of some Kraft brands to **commercial** customers. Kraft now has one sales force that sells to Alliant and another that sells to other distributors.

### Media

'Micro' FM stations win nod from FCC's chief

Washington --- The head of the Federal **Communications** Commission gave a last-minute boost Friday to a proposal that would create thousands of new, licensed...

...churches and schools.

Satellite TV cutting into cable market share

Washington --- Satellite television companies, such as EchoStar **Communications**, are chipping away at the cable TV industry's dominance in the home TV subscription market, a Federal **Communications** Commission report said. Cable's market share fell to 82 percent as of June 1999, down from...

... expected to continue growing after passage of legislation in November that let the companies offer local TV **programming**, the FCC said.

### Real Estate

Beers reportedly to pay for late work in S.C.

>> Beers Construction...

... Resources Inc., a housing and furniture rental company, for about \$65 million.

### Retail

Just For Feet under **investigation** in Ala.

Birmingham --- Alabama regulators are **investigating** Just For Feet. The chain, which filed for Chapter 11 bankruptcy protection in November, said the Alabama...union staff at centers in Columbus, Ohio; Leesport, Pa., and Mansfield, Mass.

Federated will double spending on **Internet**

>> Cincinnati --- Federated Department Stores, owner of Bloomingdale's, Macy's and other chains, plans to double **Internet**-related spending to \$150 million to \$200 million next fiscal year to bolster its **online** units, analysts said. Most of the investment will go into Federated's Macys.com, Fingerhut.com and Bloomingdales.com Web sites, the company told analysts during a conference call.

Walgreen to provide **health care information**

Deerfield, Ill. --- Walgreen Co. expects to create **online** profit by providing **health care information** and prescription histories to customers, said Jeff Rein, vice president and treasurer. Walgreen began selling prescription drugs on the **Internet** in October and plans to begin selling over-the-counter products **online** by June or July.

### Technology

IBM acquisition to aid mainframe links

>> Armonk, N.Y. --- International Business Machines...

... exact price of the acquisition, though Accessible Software said it was for more than \$75 million.

3 **Internet** media firms to expand in Japan

San Francisco --- ZDNet, Softbank Publishing Inc. and Yahoo Japan Corp., three **Internet** media companies, agreed to form a joint venture to add customers in Japan by expanding the ZDNet...

... will own 60 percent of the new company, to be called Softbank ZDNet Japan KK. ZDNet, the **online** unit of publisher Ziff-Davis Inc., will own 30 percent, and Yahoo Inc.'s Tokyo-based **Internet** directory Yahoo Japan

Search report

will own 10 percent. The venture is part of ZDNet's plan to expand...  
... Transportation Automakers seen focusing on customers Detroit --- In the coming century, automakers will focus more on customer **relations** while parts makers take over most of the manufacturing operations, according to an industry outlook from PricewaterhouseCoopers. Traditional automakers "will focus more on **relationships** with consumers and transform themselves into 'Vehicle Brand Owners,' redeploying much of their present responsibilities for coordination...

16/3,K/22 (Item 14 from file: 713)  
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10353125

**SAM'S SONG SAM TAYLOR LOVES MUSIC, GEORGIA TECH AND HIS MOM, LENORA. BUT HIS AUTISM FORCES HIM TO STRUGGLE THROUGH A BITTERSWEET LIFE OF INDEPENDENCE AND LONGING.**

Atlanta Journal-CONSTITUTION (AJ-CONSTITUTION) - Sunday, December 19, 1999  
By: Jim Dyer; Staff  
Edition: Home Section: News Page: A1  
Word Count: 4,416

CAPTION:

...FOR HELP

There are many local and national agencies, books and Web sites that provide information or **support** for families with autistic children or adults.

NATIONAL ORGANIZATIONS:

Autism Society of America  
7910 Woodmont Ave., Suite 650  
Bethesda, MD 20814-3015  
301-657-0881 or 1-800-3AUTISM  
Fax 301-657-0869  
Fax for information 1-800-329-0899

[www .autism-society.org](http://www.autism-society.org)

**Advocates** for public awareness, education, and **research** related to autism.

Center for the **Study** of Autism  
P.O. Box 4538, Salem, OR 97302  
503-363-9110 (fax)  
Provides information about autism to parents and professionals, and conducts **research** .  
[www .autism.org](http://www .autism.org)

Autism **Research** Institute  
4182 Adams Ave.  
San Diego, CA 92116  
619-281-7165

Conducts **research** on the causes of autism and on methods of preventing, diagnosing and treating autism and other severe behavioral disorders of childhood.

[www .autism.com/ari/](http://www .autism.com/ari/)

LOCAL **SUPPORT** AGENCIES:

Briggs & Associates is a **private** Roswell-based agency that provides developmentally disabled people with job coaches who get them interviews, help train them, and keep tabs on them throughout their work week. The agency, which recently won a national **award** for excellence, has 30



## Search report

employment **specialists** . 770-993-4559

Creative Community Services is a **private** , nonprofit agency in Stone Mountain that provides **supported home care** for developmentally disabled adults. It employs 40 caseworkers who provide **support** services for adults and for severely emotionally disturbed children. Telephone: 770-469-6226 or toll free: 1...

... Health, Mental Retardation and Substance Abuse Regional Board Office in your area.

### WEB SITES:

Autism center

Provides **information on therapies , support** and advocacy groups, and books.

/ **www . patientcenters .com/autism/**

Autism book list

/web.syr.edu./ jmwobus/autism/autism-bib.html

### BOOKS ON AUTISM:

Cohen, Shirley. " **Targeting** Autism: What We Know, Don't Know, and Can Do to Help Young Children With Autism and...

...an autobiography)

New York: Times Books, 1995.

Kozloff, Martin A. "Reaching the Autistic Child: A Parent Training **Program** ." Cambridge, Mass.: Brookline Books, 1998.

Siegel, Bryna. "The World of the Autistic Child: Understanding and Treating Autistic...

... left and middle) followed their father Jimmy's footsteps, pursuing symphony careers. / KIMBERLY SMITH / STAFF

Sam (left) **studies** the portraits of Atlanta Symphony Orchestra members. Despite having perfect pitch, he cannot read music./ KIMBERLY SMITH...

16/3,K/23 (Item 15 from file: 713)

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10342127

### DAILY BRIEFING

Atlanta Constitution (AC) - Wednesday, December 8, 1999

By: Staff reports and news services

Edition: Home Section: Business Page: E2

Document Type: Brief

Word Count: 1,416

### TEXT:

**Advertising** : Kellogg plans to push its natural, health foods Battle Creek, Mich. --- Kellogg Co. plans to launch an "aggressive" **advertising** campaign for its Worthington Foods Inc. unit to increase growth of the company's vegetarian and other health foods products. Kellogg said it expects its **advertising** spending in 2000 to reach **record** levels and double spending in 1999. Kellogg completed the acquisition of Worthington on Nov. 29 for \$307...

... said Worthington's 1999 sales are expected to increase by about 20 percent from a year ago.

**Finance** : **Electronic** Data signs spinoff deal with investor

Plano, Texas --- **Electronic** Data Systems Corp. signed a definitive

## Search report

agreement to spin off its community banking operations to Willis Stein...

... based in the Dallas area. Its chairman and chief executive will be Ray Maturi, who now heads **Electronic** Data's community banking unit.

Food/Beverage: Vlastic considers selling fresh-mushroom unit  
Cherry Hill, N.J...

... million in annual sales and produces about 100 million pounds of mushrooms annually. Vlastic also said Chief **Financial** Officer Mitchell Goldstein is leaving the company in January to pursue an outside job opportunity. His duties will be divided among a number of Vlastic's existing **financial** staff members.

Tricon, Scott franchises combining in Canada

Louisville, Ky. --- Tricon Global Restaurants Inc. agreed to combine...

...private when SR Acquisition Corp. acquired it in October.

Health Care: Caredata products to be posted on **Physician** .com

>> Caredata.com and **Physician** .com have agreed to put Caredata products on **Physician** .com's Web site. Terms were not disclosed. Caredata.com of Atlanta provides software and analytical services to the health care and pharmaceutical fields.

Also ...

CyTRx announcement: CyTRx said a pre-clinical **study** of Flocor suggests the product can suppress development of Acute Chest Syndrome, which affects people with sickle...

...Choice Hotels' software

Eltrax Systems Inc. will provide Choice Hotels International Inc. with property management systems software. **Financial** terms weren't disclosed.

**Insurance** : Provident American will absorb unit, merge

East Norristown, Pa. --- Provident American Corp., a managed care health insurer...

... will apply to Nasdaq for a new ticker symbol and that HealthAxis.com, which provides health care **insurance** marketing, sales and plan administration over the **Internet** , will become the surviving corporate identity.

Manufacturing: Hasbro toy maker to cut 19% of employees  
Pawtucket, R...

... No. 2 maker of toys such as Tonka trucks and Pokemon cards focuses on software and other **electronic** toys. The company will take pretax charges of \$141 million in the fourth quarter for the job...

...discontinue some products.

Marketing: Mattel pursues organic products, packaging

El Segundo, Calif. --- Mattel Inc. said it's **investigating** new, environmentally **friendly** , organically based materials for products and packaging. Mattel said no new material will be introduced unless it...

...auto service probe

Hoffman Estates, Ill. --- Sears, Roebuck & Co. said a federal grand jury in Illinois is **investigating** the AccuBalance automobile wheel-balancing service offered at its auto centers between 1989 and 1993. The **investigation** into the now-closed business expands the U.S. probe into Sears' auto service unit. Grand jurors...

...link

>> MedQuist Inc. will provide its PhysAssist hand-held dictation technology to Healtheon/WebMD subscribers. PhysAssist links **doctors** to Illinois-based MedQuist's transcribed **medical** . **reports** , news and other information.

Search report

Otis Elevator deal puts **Internet** in elevators  
Farmington, Conn. --- United Technologies Corp.'s Otis Elevator Co., the world's largest maker of elevators and escalators, said it's formed a partnership to provide **Internet** access inside elevators for the first time. Otis, International Business Machines Corp. and Next Generation Network will...

...scores.

Prodigy to pay Priceline customers who sign up  
Stamford, Conn. --- Priceline.com Inc. announced that Prodigy **Communications** Corp. agreed to give customers extra money toward their bids on airline tickets and hotel rooms if they sign up for its **Internet** service when making offers. The amount Prodigy will contribute to each bid wasn't disclosed.

Microsoft partnering...

... in its push to establish its technology as the standard for delivering music and video over the **Internet**. General Instrument Corp. said it is releasing a new box using Microsoft technology to view videos downloaded from the **Internet** and broadcast on television. Separately, Texas Instruments Inc. said it would release a new semiconductor chip for use in portable audio devices that would be compatible with Microsoft's technology.

SEC to oversee **Internet** on \$7 million

Washington --- The Securities and Exchange Commission received \$7 million for **Internet** oversight in the fiscal 2000 appropriations bill signed by President Clinton last week, SEC enforcement director Richard...

...report shows.

Transportation: GE to service Air Force jet engines

Fairfield, Conn. --- The Defense Department said it **awarded** General Electric Co. a contract valued at as much as \$1.98 billion over 14 years to ...

...price of service.

FAA summit on runway near-misses urged

Chicago --- The top U.S. transportation safety **investigator** called runway near-misses a "'serious threat'" to aviation safety and urged the Federal Aviation Administration to hold a government-industry summit on the issue. James Hall, National Transportation Safety Board Chairman, said **commercial** passenger planes have been involved in at least three major near-misses this year. "We need to..."

16/3,K/24 (Item 16 from file: 713)  
DIALOG(R)File 713:Atlanta J/Const.  
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10115009

**ATLANTA WOMAN RESOURCES**

Atlanta Journal-CONSTITUTION (AJ-CONSTITUTION) - Sunday, April 25, 1999

By: Staff

Edition: Home Section: Features Page: KG10

Word Count: 3,568

...901-9433.

Note: Call for class fees.

HEALTH

GENERAL

United Way: Referral for a variety of health **programs** and services. 211,

Search report

or 404-614-1000.

**ADDICTION**

Alcoholics Anonymous Women's Group: Meetings throughout metro Atlanta...

...with substance abuse problems. 404-525-3178.

Al Anon: Meetings throughout metro Atlanta for family members and **friends** of alcoholics. 404-685-9040. (Phone staffed by volunteers; you may need to try more than once.)

**AIDS**

AID Atlanta: **Support** groups for women, educational information and other services. 404-872-0600

AIDS Survival Project: Counseling, education and advocacy, referral and treatment options; AIDS library; women's **support** group. 404-874-7926.

Georgia AIDS Info Line: Counseling, AIDS/HIV information and referral. 1-800-551-2728.

SisterLove: **Support** group for women living with HIV/AIDS; primarily **targets** women of color. 404-753-7733.

**ARTHRITIS**

Arthritis Foundation: Patient information and services. 404- 872-7100.

**BREAST CANCER**

Bosom Buddies of Georgia: Thirty-three **support** groups in Georgia for breast cancer survivors; education and community outreach **programs** . 770-455-7637.

**CANCER**

American Cancer Society Answer Line: Cancer information **specialists** available for referrals, information 24 hours a day; also free information by mail. 1-800-227-2345.

Georgia Division, American Cancer Society: Information, patient services, referrals to **support** groups. 404-816-4994.

**DEPRESSION**

Mental Health Association of Metro Atlanta: Information and referrals. 404-527-7175, Ext. 226.

Depression **Support** Group. Groups are led by trained facilitators. Northside Hospital-Cherokee, Woodstock. 770-592-6515.

**DIABETES**

American Diabetes Association --- Georgia: Patient information and **assistance** . 404-320-7100.

**DIET/NUTRITION**

American Dietetic Association: Information and referral to dietitian in your area. 1...

...489-7513. Domestic violence shelter information: 1-800-799-7233.

Cherokee Family Violence Center. Offers shelter and **support** groups for women and children, and **assists** in receiving temporary protective orders. Also a 24-hour hotline. 130 E. Main Street, Suite 212, Canton. 770-479-1804.

**Support** and discussion groups: For women who have experienced verbal or physical abuse; callers will be referred to...

...area. 404-873-1766.

Women's Resource Center: Center for abused women and children; provides temporary shelter, **support** groups, legal advocacy, referrals and other sources, plus 24-hour hotline. 404-688-9436.

**EATING DISORDERS**

ANRED (Anorexia Nervosa and Related Disorders): Web site: [www .anred.com](http://www.anred.com)  
National Eating Disorders Organization: Has brochures, booklets; recovery resources in your area. 918-481-4044

Overeaters Anonymous: 404-634-3314.

**GYNECOLOGICAL HEALTH**

Endometriosis Association: Nonprofit self-help organization provides information and **support** for women and girls with endometriosis.

## Search report

414-355-2200 or 1-800-992-3636.

American College of Obstetrics and Gynecology: Patient information. Web site: [www.acog.org](http://www.acog.org).

### HEART DISEASE

American Heart Association, Southeast Regional office: Patient information on the No. 1 killer of American women. 770-952-1316.

### PREGNANCY/INFERTILITY

RESOLVE of Georgia: Education and **support** for people experiencing infertility. 404-233-8443.

Planned Parenthood of Georgia: Emergency contraception, birth control and **health information**. 404-688-9300.

### RAPE/SEXUAL ABUSE

Rape Crisis Center/Grady Memorial Hospital: 404-616-4861.

Rape Crisis...

... source for tracking down low-cost credit cards. Also tracks mortgage rates and other credit-related topics. [www.bankrate.com](http://www.bankrate.com).

Consumer Credit Counseling Service of Greater Atlanta. Offers help drawing up a budget, helps work...

... Telephone counseling is available seven days a week. 404-527-7630 or 800-251-2227. On the **Internet**: cccs [www.cccsatl.org/](http://www.cccsatl.org/).

Credit reports. To check what is already **recorded** on your credit reports, contact the three big credit reporting services: Equifax, 800-997-2493; Experian, 800...

... number of free or inexpensive publications on picking credit cards, credit and divorce, credit protection laws, etc. [www.pueblo.gsa.gov/money.htm](http://www.pueblo.gsa.gov/money.htm).

Federal Trade Commission. Call this agency to report violations of the fair...

... site. A quick but fairly comprehensive lesson on investing for women, from a large mutual funds company. [www.vanguard.com/educ/lib/plain/women/ptwomeninvest.html](http://www.vanguard.com/educ/lib/plain/women/ptwomeninvest.html).

National Association of Investors Corp. Helps set up and...

... to run investment clubs. Billy Williams, president of the Atlanta Council, 770 478-7467. The Web site, [www.better-investing.org](http://www.better-investing.org), has more information on investing.

Evening at Emory. Offers adult education courses. "Best Investments..."

...55. 404-727-6000, or e-mail [evening@emory.edu](mailto:evening@emory.edu).

Georgia Society of the Institute of Certified **Financial** Planners. Guidance for when you need professional help. 404-250-3588, or [www.ga-icfp.org](http://www.ga-icfp.org).

### PROFESSIONAL

The Atlanta Women's Network. An organization committed to **promoting** and empowering professional women to further their achievement and to address women's issues in our community...

... that links women in leadership positions. 4971 Staverly Lane, Norcross, GA 30092. 770-840-0039.

Catalyst, A **research** and advisory group that tracks women's issues and businesses that **promote** women. 120 Wall St., Fifth Floor, New York, NY 10005. 212-514-7600.

National Association of Women...

...women who have established businesses. Atlanta Chapter, 1921 Pine Bluff, Marietta, GA 30062. 770-989-6127, or [www.nawbo-atlanta.org](http://www.nawbo-atlanta.org).

Service Corps of Retired Executives. A group of retired executives who counsel people interested...

Search report

...Ponce de Leon Ave., Atlanta, GA 30308, 404-853-7680.

Women in Technology International. An organization to **promote** and advance women in the field of technology. 4641 Burnet Ave., Sherman Oaks, Calif. 91403. 1-800...

...every third Tuesday of the month. 701 Columbia Drive. 404-687-4577.

Theology on Tap. Popular Bible **study** and discussion series, sponsored by the Young Adult Ministry of the Roman Catholic Archdiocese of Atlanta, meets...

... and Learn. A series of classes that range from discussion groups on Judaism and film to Torah **study**, sponsored by the Atlanta Jewish Community Center. Zaban Park branch of the AJCC, 5342 Tilly Mill Road Miracles. **Study** and discussion group meets at Phoenix & Dragon Bookstore in Sandy Springs every Monday at 7 p.m...

16/3,K/25 (Item 17 from file: 713)

DIALOG(R)File 713:Atlanta J/Const.

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10069144

**NATION IN BRIEF ALCOHOL SALES ON INTERNET FACE CRACKDOWN**

ATLANTA Constitution (ATLANTA Constitution) - Wednesday, March 10, 1999

Section: News Page: A/(CONSTITUTION): 09

Word Count: 642

**TEXT:**

A growing number of minors are buying alcohol on the **Internet**, Sen. Orrin Hatch (R-Utah) said as he called Tuesday for a federal crackdown on interstate shipments...

... the level of control that is being exercised over these sales." According to Rep. Robert Ehrlich (R- Md.), as the **Internet** has grown, so has its use for the sale of alcohol. He said the market in illegal sales of alcohol on the **Internet** is \$1 billion a year. Hatch introduced a bill that would toughen enforcement of existing laws prohibiting...

... it is a federal issue that should be handled in federal court. The legislation would grant state **attorneys** general the power to file actions in federal court.

Book claims Versace was HIV-positive A new...

... that claims that Gianni Versace had the AIDS virus has his family outraged and could spark an **investigation** into whether a retired police detective illegally disclosed sealed **medical records**. Maureen Orth, a Washington journalist who wrote extensively on the Italian designer's killer, Andrew Cunanan, for Vanity Fair magazine, said she learned Versace was HIV-positive from lead **investigator** Paul Scrimshaw. Scrimshaw, 53, retired from the Miami Beach police force soon after the case was closed...

... boyhood home into a museum. The bill's sponsor ran from the House chamber in tears. Many **representatives** who voted against the bill said it had nothing to do with Clinton, but with the source...

... the House chamber after the vote. "If they want President Clinton to know that they don't **support** him, that's fine with me. I'll try to convey that message for him," said Rodgers, her voice breaking.

Chef with gas phobia **awarded** \$4 million A federal jury in Albany, N.Y., **awarded** nearly \$4 million to a chef who claimed a propane explosion left him too frightened of gas...

# Search report

... was put to death for the Sept. 25, 1989, murder of Thomas L. Haynes. Quesinberry and a **friend** broke into an office and were rummaging through desks when Haynes showed up to take care of...

16/3,K/26 (Item 18 from file: 713)  
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10001009

## NETWATCH THE AJC'S DAILY ONLINE GUIDE CONCERNS OF OLDER SET MAKE THEIR WAY TO WEB

Atlanta Journal-CONSTITUTION (AJ-CONSTITUTION) - Friday, January 1, 1999

By: Jeff Houck

Section: Features Page: E/(CONSTITUTION): 03

Word Count: 711

### TEXT:

One of the big surprises of the **Internet** has been its popularity with the older set. With that in mind, here are some Web sites...

... this site to teach other seniors how to turn the sunset years into a positive experience. [http:// www .retiredlifefun.com](http://www.retiredlifefun.com) Seniorsite: Did you know that for the first time in **history** , retirees outnumber teenagers? Or that more than 2 million Americans turn 65 every year? You would if...

... their families navigate through the challenges late life can bring, there's help on everything from health, **finance** , diet and hobbies to lottery number choices and answers to questions about computers that seniors most frequently ask. [http:// www .seniorsite.com/](http://www.seniorsite.com/) Third age: Web site for grown-ups: If you can overlook this site's New...

... health, living, money, romance and technology, the site loads quickly, is easy to navigate and offers a **friendly** place for seniors to meet. If a Web site can qualify as a "community," Third Age definitely has all the qualifications. [http:// www .thirdage.com](http://www.thirdage.com) GoldenAge: This comprehensive, easy-to-use site delves into everything from health and housing to...

...this site will keep you busy. <http://elo.mediasrv.swt.edu/goldenage/intro.htm> Elderhostel: This popular **program** brings continuing education to older adults via residential **programs** on university campuses worldwide. Users can peruse the course **catalog** listings by state and find out about costs and availability. This is not a very interactive site, but it provides a good launching **point** for exploring continuing education. [http:// www .elderhostel.org](http://www.elderhostel.org) Senior law: Senior citizens, their families, **attorneys** , social workers and **financial** planners can use this site to track trends and access information about elderly law, **Medicare** , **Medicaid** , estate planning, trusts and the rights of the elderly and disabled. [http:// www .seniorlaw.com/index.htm](http://www.seniorlaw.com/index.htm) 50 Plus Fitness Association: This international organization provides information about how **rewarding** and critical exercise and an active lifestyle can be in determining length and quality of life. The...

... seniors, resources on health issues and a list of the group's events around the country. [http:// www .50plus.org](http://www.50plus.org) Senior search: This directory for the over-50 group links to hundreds of sites aimed at seniors, whether you're interested in tourism, investing, **insurance** or senior discounts. The site would make an excellent opening page on any senior's browser. [http:// www .seniorsearch.com](http://www.seniorsearch.com) Retirement in America: From investing early and wisely to choosing the right retirement home in...

## Search report

...than ever. This edition of Policy.com focuses on making the most of your retirement, with articles, **studies** and **reports** on **health** and fitness, investment strategies, housing and location options and post-career activities such as education, travel, computing and volunteerism. <http://www.policy.com/issuewk/98/0803/> Today 11 a.m.: NCAA football: Outback Bowl (Kentucky vs. Penn State). Broadcast.com. <http://www.broadcast.com/sports/ncaa/football/bowls98/>. Also, <http://www.yack.com/Broadcast.com/165004671.html> 11 a.m.: Tournament of Roses Parade: Live from Pasadena, Calif. HGTV. <http://www.hgtv.com/village/rose99/index.html>. Also, <http://www.yack.com/HGTV/165004860.html> 12:30 p.m.: NCAA football: Gator Bowl (Georgia Tech vs. Notre Dame). Broadcast.com. <http://www.broadcast.com/sports/ncaa/football/bowls98/>. Also, <http://www.yack.com/Broadcast.com/165004673.html> 8 p.m.: **Recorded** interview: Rock artists Dave Matthews ("Before These Crowded Streets"). Rolling Stone Network. <http://www.rollingstone.com/sections/performance/text/vvmain.asp?aflrs> <http://www.ajc.com/netwatch> e-mail:netwatch@ajc.com

16/3,K/27 (Item 19 from file: 713)  
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09777036

### GROWING UP WITH CRACK GROWING UP WITH CRACK SEEKING SOLUTIONS

Atlanta Journal-CONSTITUTION (AJ-CONSTITUTION) - Sunday, October 4, 1998

By: Jane O. Hansen

Section: News Page: A/(CONSTITUTION): 01

Word Count: 4,285

#### CAPTION:

...on the newspaper's

Web site, with links to other stories in the series published so far:

[www.ajc.com](http://www.ajc.com)

Graphic :

HOW TO HELP

Project Prevent 404-876-1337

This federally-funded **program** is designed to reduce the number of babies abandoned in hospitals by women addicted to drugs or infected with HIV.

The **program** has many needs, including new cribs, rocking chairs and other **nursery** equipment. It also needs artwork, vans for transporting people and furniture. The **program** welcomes contributions, donations and volunteers. It is recruiting volunteers to rock newborns awaiting placement in foster care...

...struggling with addiction.

DeKalb Addiction Clinic 404-894-5771

The clinic operates a special outpatient drug treatment **program** for pregnant women and women with children. The goal is to improve children's lives by getting...

...supplies. For mothers, it is

in need of toiletries and back-to-work clothing and shoes. The **program** also welcomes volunteers to rock babies, read children stories and feed babies and children while their mothers...

...children.

Mary Hall Freedom House 770-522-9570

This is one of Atlanta's few drug treatment **programs** that allows children to live with their mothers while they are treated for their addiction. The **program** is in need of furniture and household goods,



## Search report

including linens. It also welcomes volunteers to do nightly...

...of those willing to take medically fragile infants.  
Qualifications to be a foster parent include a criminal **records** check,  
**medical** exam and a house that meets basic safety requirements. Training  
by the state is also required. For infants with special medical needs,  
foster parents get additional training from hospital **nurses** .

Georgia Division of Family and Children Services 1-888-310-8260  
Children in the state's custody...

...Please call the state division or your county .  
Department of Family and Children Services.

Court Appointed Special **Advocates** (CASA) Fulton County 404-730-5447;  
statewide 404-874-2888  
Getting caught up in the child welfare...

...have their first brush with Juvenile Court for skipping  
school. Volunteers are needed as tutors, mentors and **lawyers** to help  
prevent the youth from graduating to more serious offenses. The court  
also conducts a 10-week **program** to help families who have a troubled  
youngster. Volunteers are needed to conduct workshops on substance abuse  
prevention, parenting skills and anger management.

Project Healthy Grandparents  
404-651-0341

The **program** welcomes **financial** contributions to **support** a variety of  
**programs** for grandparents who are raising their grandchildren. Services  
include counseling in parenting, legal help and **support** groups. Although  
it cannot use volunteers, contributions may be sent to Georgia State  
University Foundation Inc., Georgia...

...to help transport clients and to act as  
mentors for those clients who have graduated from the **program** and are  
living on their own. Former Gateway clients currently live in Houston,  
Hall, Bibb, Laurens and Crisp counties. The **program** is also in need of a  
new van and major appliances for the women and their children, including  
a washer, dryer and refrigerator. Clothing and toys are not needed.

**Financial** contributions, which are tax deductible, can be sent to  
Gateway Cottage, ...or  
children of homeless parents who need temporary quarters. But federal  
funds were recently cut and the **program** 's budget has been slashed from  
\$266,000 to \$70,000. The **program** , which has served 274 children, is in  
dire need of **financial** donations so it can continue to serve families  
and children.

Graphic :  
PAYING FOR THE WAR ON DRUGS...

...addicts was far more cost-effective than  
other methods of reducing cocaine use, according to a 1994 **study** . The  
finding is based on the premise that most addicts stop using drugs  
during treatment and 1...

...246 million  
Seizing cocaine shipments  
\$366 million  
Eradicating coca leaf overseas  
\$783 million  
Source: Rand Drug Policy **Research** Center  
/ Christopher Smith / staff

Search report

16/3,K/28 (Item 20 from file: 713)  
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09687017

**NATION IN BRIEF 8 DIE FROM CARBON MONOXIDE**

ATLANTA Constitution Journal (ATLANTA Constitution Journal) - Monday, July 6, 1998

Section: News Page: A/(CONSTITUTION): 05, (JOURNAL): 05

Word Count: 858

... relationships between the victims. The children ranged in age from 4 to 12 years old, Benton said.

**Family members** told police they talked to their **relatives** Friday. Lake Placid is a town of about 1,200 people 80 miles southeast of Tampa in ...

... to one surgical regimen for advanced glaucoma, while a different approach seems to work better for blacks, **researchers** for the National Institutes of **Health** in Washington **reported** Sunday. As a result, **doctors** are likely to start recommending different courses of treatment for blacks and whites suffering from open-angle...

... break down by race. So this was a surprise," said Dr. Douglas E. Gaasterland, who headed the **study** that identified the difference. "This is the first evidence that members of two racial groups benefit from..."

... honest about them, get all the facts out as quickly as possible and try to set the **record** straight. And to say we're sorry. We are." Isaacson said the allegations about the use of nerve gas and the killing of defectors were not **supported** by the evidence. Hanson impostor tried to **lure** girl An **Internet** impostor claiming to be a member of the teenage group Hanson tried to **lure** an 8-year-old Tulsa girl to meet him at a concert alone, one of several similar ruses involving the group. The girl searched the **Internet** for information on the singing brothers and began chatting with someone who claimed to be the youngest...

... George Pickett, the final confrontation in a three-day battle in Gettysburg, Pa., that became a turning **point** in the war. The performance of the Battle of Gettysburg began Friday, culminating Sunday with the final ...

16/3,K/29 (Item 21 from file: 713)  
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09557270

**NATION IN BRIEF SENATE PANEL EXAMINING HEALTH PRIVACY**

ATLANTA Journal (ATLANTA Journal) - Thursday, February 26, 1998

Section: News Page: a10

Word Count: 837

**TEXT:**

... the sensitive issue of health privacy today amid concerns the main proposal under consideration would still allow **records** to be released to marketers. Legislation being circulated by Sens. Bob Bennett (R-Utah) and James Jeffords (R-Vt.) would create the first federal protection for **health records**, imposing criminal penalties for improper disclosure of

# Search report

identifiable **records** for most nonhealth purposes. But privacy **advocates** argue it would continue to allow police too much access and prohibit most stronger state laws. They...

... to sell products to patients. That issue received particular attention after it was disclosed last week grocer- **pharmacist** Giant Food Inc. and the CVS drug store chain, were selling prescription information to a marketing company...

... Resources Committee, which Jeffords chairs, was holding a hearing on medical privacy issues today. **COURTS** \$1 million **awarded** by jury in latex glove trial In a verdict that's expected to have far-reaching impact nationwide, a Milwaukee jury has **awarded** \$1 million to a health-care worker, saying it wanted to tell manufacturers to improve the safety...

... It's the first major latex product liability case in the United States to go to trial. **Lawyers** for both sides agreed to try a single case before proceeding with the others. **INTERNET** Many schools falter in **Internet** use Nearly 80 percent of the nation's public schools are connected to the **Internet** , but only 27 percent of the classrooms are hooked up, according to an Education Department report being...

... s 80,000 public schools, covering 52 million kindergarten through 12th-grade students, were hooked to the **Internet** last year, the officials said. The Clinton administration is particularly interested in connecting more classrooms because that is where learning takes place. Vice President Al Gore was expected to stress that **point** while releasing the report today, officials said. Clinton against taxes on **Internet** sales President Clinton was to announce his opposition today to taxing merchandise purchased over the **Internet** , putting him in disagreement with most of the nation's governors, a White House official said. Clinton...

... a speech to a San Francisco technology conference, said the official, who requested anonymity. The governors generally **support Internet** taxes on the grounds untaxed sales are a drain on state revenues. They also argue if local...

...Wednesday, police said, after he raped and sodomized his 10-year-old and 7-year-old daughters. **Investigators** found Anthony Wynn had also pleaded guilty in 1991 to raping and sodomizing the girls, who were...

... to tell about the most recent round of abuse. One of the girls told an after-school **program** instructor, who told police.

16/3,K/30 (Item 22 from file: 713)  
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09244035

## THE LEDGER: WAGES DOLLARS AND DREAMS

Atlanta Journal-CONSTITUTION (AJ-CONSTITUTION) - Monday, September 1, 1997

By: JEAN STANLEY STAFF WRITER

Section: BUSINESS HORIZON Page: E/(CONSTITUTION): 08

Word Count: 3,094

### CAPTION:

...categories in the metro area, identified by the Department of Labor, also show up in the wage **survey** . Each is growing by percentage increase. Here are their median and middle range annual wages:

Occupation title.....	Median.....	Middle - Range
Physical <b>therapists</b> .....	\$48,864....	\$45,750 - \$54,246

# Search report

Insurance sales agents and placers.. \$43,971.... \$38,605 - \$49,416  
 Scientific sales representatives .... \$43,915.... \$33,498 - \$50,400  
 Securities and commodities sales.... \$42,234.... \$37,440 - \$55,461  
 Real estate appraisers..... \$33,668.... \$28,807 - \$37,014  
 Advertising sales agents ..... \$31,200.... \$31,200 - \$48,000  
 Real estate sales agents ..... \$30,000.... \$26,000 - \$55,968  
 Retail salespeople..... \$16,848.... \$13,520 - \$19,947  
 Telemarketers, door-to...Nashville..... NA.....\$15,964.....\$2  
 6,520  
 New Orleans..... \$75,868.....\$14,924.....\$24,648  
 .....Registered....Secretaries.....Systems  
 ..... nurses II..... II..... Analyst  
 .....II  
 Atlanta.....\$35,048.....\$25,116.....\$46,748  
 Houston.....\$35,828.....\$25,324.....\$49...

...42,276  
 New Orleans.....\$37,232.....\$23,296.....\$47,060  
 Sources:..Bureau of Labor Statistics, Occupational Compensation Survey ;  
 Regional Financial Associates, West Chester, Pa. NA means figures were  
 not  
 available. Pie graph: WHERE DO JOBS FALL?  
 In...

...000 to \$99,999.....11  
 \$100,000 and more..... 12  
 Source: Bureau of Labor Statistics, Occupational Compensation Survey ;  
 Regional Financial Associates, West Chester, Pa. NA Means figures were  
 not  
 available.  
 Map: Metro Atlanta  
 These counties are the Atlanta metropolitan area included in the Labor  
 Department survey data presented on these pages: Pickens, Bartow,  
 Cherokee, Forsyth, Paulding, Cobb, Douglas, Carroll, Forsyth, Fulton,  
 Coweta, Gwinnett...

16/3,K/31 (Item 23 from file: 713)  
 DIALOG(R)File 713:Atlanta J/Const.  
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08009087  
 Personal Business YEAR AHEAD SPECIAL SECTION - DAY 2 CAREER STRATEGY: Be  
 Nimble In an age when jobs are less secure, flexibility is the key  
 Atlanta Constitution (AC) - Monday January 9, 1995  
 By: Gertha Coffee STAFF WRITER  
 Section: BUSINESS Page: E/1  
 Word Count: 578

CAPTION:  
 ...from 1990 to 2005. Occupation.....Average  
 annual rate of decline Private home cleaners/servants.....-1.8%  
 Electrical/ electronic assemblers.....-1.7% Textile machine  
 operators..... -1.4% Farm workers.....  
 .....-0.8% Telephone/cable installers.....-0.7...  
 ... 2005. Occupation.....Average annual rate  
 of decline Home health aides..... 10.0% Computer  
 engineers.....7.6% Physical therapists .....  
 ..... 6.4% Travel agents ..... 6.3%  
 Computer systems analysts..... 6.2% Technical

Search report

writers..... 5.3% Physical therapy assistants  
..... 5.3% Duplicating machine operators..... 5.0%  
Medical assistants .....4.9% Occupational  
therapists ..... 4.9% Medical assistants  
.....4.8% Surgical technicians.....  
....4.8% Respiratory therapists .....4.6% Radiologic  
technologists.....4.6% Detectives and investigators  
.....4.4% Psychiatric technicians..... 4.3%  
Guards.....4.3% Dental hygienists.....  
..... 4.2% Receptionists, information clerks.....  
4.1% Medical records technicians..... 4.1% Employment  
interviewers..... 4.0% Physician assistants  
..... 3.9 Computer programmers .....  
....3.9% Medical, health service managers.....3.8% Registered  
nurses ..... 3.8%

16/3,K/32 (Item 1 from file: 715)  
DIALOG(R)File 715:Christian Sci.Mon.  
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09376406

HERE'S ONE 'COOKIE' MANY CONSUMERS DON'T WANT

Christian Science Monitor (CH) - Tuesday, April 18, 2000

By: James N. Thurman, Staff writer of The Christian Science Monitor

Edition: ALL Section: USA Page: 2

Word Count: 770

TEXT:

... had a well-developed sense of secrecy. But today, virtually every time Mr. Jones goes on the **Internet**, he is opening up his personal life to more exposure than a cheap Polaroid. Whenever he logs...

... used for this article) realizes that volumes of data about his browsing habits, personal tastes, and even **finances** are being collected and sold to companies eager to market to him. "I've just sort of...

... protect my privacy," he says. Jones is a reminder of one of the cruel ironies of the **Internet** Age: A medium originally associated with anonymity has become in many Americans' eyes the single greatest threat to privacy. As individuals surf the Web, companies are keeping **records** of their purchases and surfing patterns, allowing them to build detailed personal **profiles**. In the vernacular of "Casablanca," they have a complete dossier on you. For many consumers and critics...

... only in this case, Big Brother isn't the government. It's Microsoft and Frito-Lay. A **survey** released this week by the San Francisco-based market **research** firm Odyssey reveals that 82 percent of households using the **Internet** believe government should regulate the use of their personal information. Another 92 percent say they do not...

... more than 50 bills have been introduced in the current session of Congress aimed at curbing abusive **online** data gathering. And on Friday, the Children's **Online** Privacy Protection Act will kick in. Under this law, Web sites must get parental permission before gathering...

... May issue contains the first of a three-part series on data-collection techniques used by the **Internet** industry. Instead of just **recording** which brand of potato chip you buy, technology is allowing corporations to link disparate strands of personal information, Mr. Fox explains. As a result, surfing habits could potentially be linked with **medical** and

## Search report

**financial information** . Through the use of so-called "cookies" - small pieces of data that allow Web servers to identify an individual's browser and read information from it - surfing patterns are tracked and **recorded** . Logging onto a Web site, or even viewing an **online ad** , can load a cookie onto your hard drive. Information is then collected by marketers to better sell their wares. Fueling the problem, claim privacy **advocates** , is last year's **Financial Services Modernization Act**, which has made collation of information easier. By removing the legal fences that for years stood between banks, **insurance** companies, and **financial** institutions, private information that was once the property of just one of entity is now readily shared. **Internet** industries currently rely on a system of self-policing to curtail privacy abuse. But these corporate policies...

... letting corporate polluters monitor themselves." Yet despite privacy concerns, the use of cookies is not entirely sinister, **point** out many in the technology industry. For one thing, they allow consumers to fill out forms and...

... banned (cookies) you would bring the Web to a crawl," says Sanjay Parekh, head of Atlanta-based **Digital Envoy**. Mr. Parekh's company has developed technology that allows marketers to **target Internet** -users geographically, but without extracting other kinds of information. Web sites can figure out, say, the Zip...

... is," Parekh explains. Cookies also allow sites to tailor services to individuals, making suggestions just as a **friendly** store clerk might. "Amazon.com has a compelling Web experience, suggesting books you might like based on...

... in Austin, Texas. For consumers concerned about privacy, Web browsers can be set to block cookies. Other **programs** will set off a warning if a site is collecting data. "A key **point** is this is participatory information. You can remain anonymo376406

# Search report

S1 11343 (MEDICINE? OR MEDICAL OR HEALTH OR TREATMENT OR THERAPY OR THERAPIES OR CARE) (2N) (RECORD? OR DOCUMENT? OR FILE? OR REPORT? OR BRIEF? OR INFORMATION) OR EMR

S2 646282 PATIENT? OR INVALID OR SUBJECT? OR (SICK OR ILL) ( ) PERSON? - OR INDIVIDUAL OR PERSONAL OR PRIVATE?

S3 1092736 (THIRD OR 3RD OR OUTSIDE) ( ) (PARTY OR PARTIES) OR FRIEND? OR FAMILY ( ) MEMBER? OR RELATIVE? OR RELATION? OR LAWYER? OR ATTORNEY? OR ADVOCATE? OR GUARDIAN? OR AGENT? OR CUSTODIA? OR REPRESENTATIVE?

S4 122742 HEALTH (2W) (PROFESSIONAL? OR PROVIDER?) OR DOCTOR? OR PHYSICIAN? OR MD OR NURSE? OR RN OR LPN OR CLINICIAN? OR SPECIALIST? OR THERAPIST? OR LAB? ( ) TECHNICIAN? OR PHARMACIST? OR DRUGGIST? OR INSURANCE OR HMO OR PPO OR MEDICAID OR MEDICARE

S5 405351 PROFILE? OR HISTORY? OR RECORD? OR TARGET? OR CUSTOMIZ? OR (INDIVIDUAL OR PERSONAL) ( ) (SPECIFICATION? OR GOAL? OR OBSERVATION? OR ADVISE OR ADVICE OR RECOMMEND?)

S6 752970 AD OR ADS OR ADVERT? OR PUBLIC? OR PLACARD OR COMMERCIAL - OR PROMO? OR BANNER? OR CATALOG? OR DESKTOP ( ) BRAND? OR POPUNDER OR POPUP OR POP ( ) (UNDER OR UP) OR COMMERCIAL ( ) (MESSAGE? OR SPOT?) OR SUBSICIZ? OR SUPPORT? OR FINANC? OR ASSIST?

S7 271908 QUESTIONNA? OR SURVEY? OR INQUIR? OR STUDY OR STUDIES OR CANVASS? OR POLL OR POLLS OR RESEARCH? OR INVESTIGAT?

S8 728525 INCENTIVE? OR INDUCEMENT? OR ENCOURAGEMENT? OR LURE? OR BONUS OR POINT? OR AWARD? OR PREMIUM? OR REWARD? OR PROGRAM? OR COUPON?

S9 49311 TELEMEDICINE OR (LONG ( ) DISTANCE OR REMOTE) ( ) MEDICINE OR TELECOMMUNICAT? OR HEALTH ( ) CARE ( ) SERVICE? OR (OFF ( ) SITE OR OFFSITE) ( ) DATABASE? OR TELEHEALTH OR TELEHEALING OR TELE ( ) (HEALTH OR HEALING OR MEDICINE) OR HOME ( ) CARE

S10 503047 WWW OR W ( ) W ( ) W OR WORLDWIDE ( ) WEB OR WORLD ( ) WIDE ( ) WEB OR INTERNET OR ONLINE OR ON ( ) LINE OR COMMUNICAT? OR (CONNECTED OR - COMPUTER) ( ) NETWORK? OR ELECTRONIC OR DIGITAL

S11 3 S1 (S) S2 (S) S3 (S) S4 (S) S5 (S) S6 (S) S7 (S) S8 (S) S9

S12 89 S1 (S) S2 (S) S3 (S) S4 (S) S5 (S) S6

S13 22 S12 AND IC=G06F-017?

S14 2 S13 (S) S9

S15 290 S1 (S) S3 (S) S4 (S) S5

S16 13 S15 (S) S9

S17 130 S15 (S) S10

S18 41 S17 (S) S7

S19 23 S18 (S) S8

S20 1680 S1 (S) S10

S21 786 S20 (S) (S3 OR S4)

S22 274 S21 (S) S6

S23 80 S22 (S) S7

S24 45 S23 (S) S8

S25 41 S24 (S) S5

S26 115 S12 OR S16 OR S19 OR S25

S27 28 S26 AND IC=G06F-017?

S28 28 IDPAT (sorted in duplicate/non-duplicate order)

S29 28 IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2002/APR W04

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1983-2002/UB=20020502,UT=20020425

(c) 2002 WIPO/Univentio

Search report

29/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01029384

**Distributed network based electronic wallet**

**Verteilte netzwerkbasierte elektronische Geldbörse**

**Portemonnaie electronique reparti base sur un reseau**

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 917119 A2 990519 (Basic)  
EP 917119 A3 010110

APPLICATION (CC, No, Date): EP 98203747 981109;

PRIORITY (CC, No, Date): US 65291 971112; US 81748 980414

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07F-019/00; **G06F-017/60** ; G07F-017/16;  
G07F-007/10

ABSTRACT EP 917119 A2

A system, in which information is the primary asset and in which  
investments may be made in information, includes multiple data stores for  
storing different types of a user's information. The safe, secure and  
properly authorized transfer of information while preserving individual  
privacy is provided. The system also provides for secure backup and  
storage, as well as for ubiquitous and nomadic access to information  
while maintaining the privacy of such information. A first data store  
includes static identification data about a user. A second data store  
includes moderately dynamic personal data about the user. A third data  
store includes dynamic demographic information data about the user. An  
electronic wallet can be used with the system to download selected  
portions of the data for use by the user. A method of use of the data  
includes using the data for billing out forms, providing services to the  
user and allowing merchants to selectively target users for sales while  
maintaining user anonymity.

ABSTRACT WORD COUNT: 161

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 010110 A2 International Patent Classification changed:  
20001123

Application: 990519 A2 Published application (Alwith Search Report  
;A2without Search Report)

Change: 011114 A2 Designated contracting states changed 20010925

Extended: 011114 A2 Extended states: AL; LT; LV; MK; RO; SI



Search report

Examination: 011114 A2 Date of request for examination: 20010917  
Search Report: 010110 A3 Separate publication of the search report  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9920	683
SPEC A	(English)	9920	8988
Total word count - document A			9671
Total word count - document B			0
Total word count - documents A + B			9671

...INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION only as approved by the consumer 25. In the preferred embodiment the consumer 25 would instruct the **third party** merchant to forward this information directly to the information bank 23 and it would then be stored therein for the consumer. In an alternate embodiment, these **financial** and **personal** documents would be moved from the **third party** merchant to the consumer 25 and then forwarded by the consumer to the information bank 33..  
Another...

29/5,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00894469

**SYSTEMS AND METHODS FOR A PERSONAL, UNIVERSAL, INTEGRATED ORGANIZER FOR LEGACY PLANNING AND STORAGE**  
**SYSTEMES ET PROCEDES DESTINES A UN ORGANISEUR UNIVERSEL PERSONNEL INTEGRE PERMETTANT DE PLANIFIER UN HERITAGE ET DE STOCKER DES DONNEES CORRESPONDANTES**

Patent Applicant/Inventor:

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Legal Representative:

GERBER Monica R (agent), Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200227628 A2 20020404 (WO 0227628)

Application: WO 2001US31045 20010928 (PCT/WO US0131045)

Priority Application: US 2000236943 20000929; US 2001966668 20010928

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11281

English Abstract

Search report

French Abstract

Legal Status (Type, Date, Text)

Publication 20020404 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... 33

Universal Integrated Organizer and Legacy Planner Architecture

Personal Folder

Personal Information

Family information and records

Personal **Representatives**

Advisors Key Professionals (cross indexed across folders)

Security

Personal Archives (anything you wish to save and store...

...1 5 Summary Health at a glance

Personal Health History

Copies of your original medical records

Your **personal** screening and exam schedule

Copies of Health Proxy and Living Will

**Financial** Folder

**Financial** Advisors

Assets

Retirement Assets

Real Estate

**Personal** Property Schedule

Additional Assets

Liabilities

Legal Folder

Legal Advisors / **Representatives**

Estate Plan

Real Estate **Records**

Business **Records**

Employment **Records**

Other Legal **Records**

Tax Folder

Accountant/Tax Advisor

Tax **records**

**Insurance** Folder

**Insurance** Brokers and **Agents**

Life **Insurance** Policies

Health **Insurance** Policies

Property and Auto **Insurance** Policies

**Financial** **Insurance** Policies

Professional and Business Policies

Summaries available with the Universal Integrated Organizer

Address book

Family

**Personal** **Representatives**

Medical

Legal

**Financial**

Beneficiary Designations

Search report

in will  
retirement assets  
  **insurance** policies  
Estate Plan  
will  
durable power of **attorney**  
trust  
health care proxy and living will  
estate tax calculator  
organ donation  
letter to executor  
  **Personal Representatives**  
executor(s) Named in will, address; successor executor  
holder of Durable Power of **Attorney**  
holder of Health Care Proxy  
  **guardian** (s) named in will  
trustees named in will  
revocable trust, trustees  
trustees of any other trusts  
Summary...

...conditions /problems  
  current medications, vitamins and supplements  
  blood type  
  significant family medical conditions  
  primary-care provider/family **doctor**  
  health **insurance**  
  emergency contact  
  health care proxy  
    **Insurance** policies  
  linked to assets protected  
  with anniversary dates  
  annual cost  
  **agent** contact  
Assets  
  jointly held, sole owner, in trust  
  net worth  
Universal Integrated Organizer Address Book  
Farni  
  parents  
  spouse  
  children  
  siblings  
  aunts and uncles  
    **Personal** rgpresentatives  
  named executor  
  durable power of **attorney**  
  health care proxy  
    **guardians** of minor children and other dependents  
  trustee under will  
  other  
Medical professionals and providers  
  primary care provider  
  gynecologist  
    **specialists**  
  dentist  
  1 5 complimentary care providers  
  hospitals  
  lifeline  
  health **insurance** company  
Legal

Search report

**attorney** business  
**attorney** estate  
**attorney** real estate  
other

**Financial**  
accountant  
**financial** planner  
bank officer  
investment advisor  
stockbroker  
life **insurance agent**  
property and casualty **agent**  
other  
3 5

**Personal** Folder  
**Personal** Information  
Family information and **records**  
**Personal Representatives**  
Advisors Key Professionals (cross indexed across folders)  
Security

**Personal** Archives (anything you wish to save and store)  
Last Wishes (funeral arrangements and organ donations)

**Personal** Information  
name  
citizenship  
birth date and birthplace  
1 5 social security number  
Home  
address  
home telephone  
home...History  
illness, surgery, hospitalization, chronic medical conditions,  
family medical history tree and important medical information about other  
**relatives**  
medications, vitamins, supplements and herbs log  
Copies of your original medical records  
0 **doctors** consultation reports  
hospital discharge summaries  
eye/vision  
dental  
complimentary care  
copies of laboratory reports  
copies of X-rays  
heart testing  
screening and diagnostic procedures  
Your **personal** screening and exam schedule  
CQM of Health ProM and Living Will

**Financial** Folder  
**Financial** Advisors  
Investment Advisor  
name, firm, address, phone, email, comments  
Stock Broker  
name, firm, address, phone, email, comments  
Bank Officer  
name, bank, address, phone, email, comments  
**Financial** Planner  
name, firm, address, phone, email, comments  
Accountant  
name, firm, address, phone, email, comments  
Other  
1 5...

Search report

...location of deed

date of purchase, cost of improvements, fair market value  
annual costs: real estate taxes, **insurance**, maintenance  
3 5 Vacation Home

address, owner, location of deed

date of purchase, cost of improvements, fair market value  
annual costs: real estate taxes, **insurance**, maintenance  
Investment Property

address, owner, location of deed

date of purchase, cost of improvements, fair market value  
annual costs: real estate taxes, **insurance**, maintenance  
annual income, annual depreciation

**Personal** PKgpglty Schedule  
jewelry, antiques, collectibles  
description, owner, location  
estimated value  
household furnishings  
automobiles, boats, planes  
Additional Assets...

29/5,K/3 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00892307

**CAPTURE HIGHLY REFINED CLAIM EVALUATION INFORMATION ACROSS MULTIPLE WEB  
INTERFACES**

**CAPTURE D'INFORMATIONS PRECISES D'EVALUATION DE RECLAMATION SUR DES  
INTERFACES WEB MULTIPLES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200225559 A2 20020328 (WO 0225559)  
Application: WO 2001US29747 20010924 (PCT/WO US0129747)  
Priority Application: US 2000667611 20000922

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 9363

English Abstract

## Search report

downloaded from **insurance** host server 130 to claimant client I 10 (step 624). Each of the wide variety of types...

- ...g., medical, property, automotive requires different spreadsheets in order to enter the line item level data. The **insurance** host server 130 can query claimant client I 10 either by asking the claimant directly whether a...
- ...whether the claimant client had that particular spreadsheet. If the claimant client needs the appropriate spreadsheet, the **insurance** host server 130 determines the appropriate spreadsheet for that type of **insurance** claim (step 626), and downloads the appropriate spreadsheet to the claimant client 1 1 0 (step 628...
- ...the spreadsheet (step 630) and uploads the completed spreadsheet with all of the line item data into **insurance** host server 130 (step 632). [051] If the claimant chooses not to use the FastPath™ option, the **insurance** host server tunnels down through the item tree (step 616). Stored on **insurance** host server 130 are a plurality of item trees. For each different type of **insurance**, there is a different item trees. For instance, for property **insurance** on a theft, the top level of the item tree may display groups such as electronics, jewelry, furniture, appliances, miscellaneous **personal** property, furnishings, clothing, and additional living expenses. Within each of these categories there are subcategories and possibly...
- ...instance televisions, there may appear a detailed list of all of the possible types of televisions. The **insurance** host server 130 chooses the appropriate item tree based on the line and displays the top level...
- ...item data includes detailed information about the line item particular to that item. For instance, for property **insurance**, the line item may include data that includes the type of item, the location of the item...
- ...serial number, if known, and an option for direct replacement services. Direct replacement services means that the **insurance** company contacts a vendor directly for replacement of this item. The line item data for a medical injury is very different. It includes **information** about the **treatment**, the date that the treatment was performed, the status of the treatment, the provider of the treatment...
- ...details. Medical line items might also include the devices used during the recovery from injury or to **assist** the person in the case of a permanent disability: prosthetic devices, crutches, wheel chairs, eye wear, hearing...
- ...item. The line item data is used to update the line item level database residing in the **insurance** host server 130 (step 622). [0531 The updated line item level database is displayed in summary form as a web page from **insurance** host server 130 to claimant interface 500, including the newly entered line item level data (step 634 **insurance** host server 130 via network 100. The evaluation of line item data is also known as settlement. Initially, a claim handler operating claim handler client 120 logs onto the **insurance** host server 130 (step 700). Once logged on, the claim handler tunnels down through the claims folder...

29/5,K/4 (Item 4 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00878899 \*\*Image available\*\*

SYSTEM AND METHOD FOR ADMINISTERING A FINANCIAL PROGRAM INVOLVING THE

**COLLECTION OF PAYMENTS**

**SYSTEME ET PROCEDE DESTINES A ADMINISTRER UNE PROGRAMME FINANCIER  
IMPLIQUANT L'ENCAISSEMENT DES PAIEMENTS**

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Legal Representative:

ALBERT Jennifer A (et al) (agent), Hunton & Williams, 1900 K Street,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200213118 A1 20020214 (WO 0213118)

Application: WO 2001US41646 20010810 (PCT/WO US0141646)

Priority Application: US 2000224234 20000810; US 2001773539 20010202

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CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 24728

**English Abstract**

A system for administering a financial program (102) involves the collection of payments. The system includes a debit system for coordinating the administration of the financial program, which includes interface logic for allowing a user to interact with the debit system (110), and batch processing logic for performing batch processing associated with the financial program. The system further includes at least one support system coupled to the debit system for handling an aspect of the administering of the financial program, and for communicating with the debit system. The system further includes a data storage (109) for storing datatables (114) used by the debit system in the administration of the financial program. The data storage also includes a representation of information as maintained by a retired system previously used for administering the financial program. In a preferred embodiment, the financial program is an insurance program with payment due dates occurring weekly or monthly.

**French Abstract**

L'invention concerne un systeme d'administration d'un programme financier (102) impliquant l'encaissement des paiements. Le systeme comprend un systeme de debit destine a coordonner l'administration du programme financier, qui comporte une logique d'interface permettant a un utilisateur d'interagir avec le systeme de debit (110), et une logique de traitement par lots destinee a mettre en oeuvre des traitements par lots avec le programme financier. Le systeme comprend, en outre, au moins un systeme de support couple au systeme de debit destine a gerer un aspect de l'administration du programme financier, et a communiquer avec le

Search report

out when **insurance** premiums are waived because the insured has become disabled and the policy carried a disability rider. After a policy has gone into premium-waiver status, the premiums are in essence paid by the **insurance** company. If the insured does not remain disabled indefinitely, the policy may resume premium-paying status. waiver...

...longer being paid

by the policyholder because of a disability. The policy remains in force with the **insurance** company paying the premiums. - 64 Other modifications and variations to the embodiments described above can be made...

...the following claims and their legal equivalents.

WHAT IS CLAIMED IS:

1 A system for administering a **financial** program involving the collection of

payments, comprising:

a debit system for coordinating the administration of the **financial** program,

including:

interface logic for allowing a user to interact with the debit system;

batch processing logic for performing batch processing associated with the

**financial** program;

at least one **support** system coupled to the debit system for handling an aspect of the administration of the **financial** program, and for communicating with the debit system;

lo and

a data storage for storing data tables used by the debit system in the administration of the **financial** program, the data storage also

including a representation of information as maintained by a retired system previously used for administering the **financial** program.

2 The system of claim 1, wherein the interface logic includes at least one of interface...

29/5,K/5 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00867346 \*\*Image available\*\*

**METHOD AND APPARATUS FOR FACILITATING DELIVERY OF MEDICAL SERVICES**

**PROCEDE ET APPAREIL DESTINES A FACILITER L'EXECUTION DE SERVICES MEDICAUX**

Patent Applicant/Inventor:

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(Residence), US (Nationality)

BOWLIN Frank, P.O. Box 325, Aptos, CA 95001, US, US (Residence), US

(Nationality)

Legal Representative:

SCHEINBERG Michael O (agent), P.O. Box 164140, Austin, TX 78716-4140, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200201470 A1 20020103 (WO 0201470)

Application: WO 2001US20605 20010627 (PCT/WO US0120605)

Priority Application: US 2000214607 20000627

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CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW



## Search report

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14155

### English Abstract

An electronic system serves as a single point of integration for all electronic health care information systems. A physician selects a diagnosis, which is converted from the physician's preferred terminology to a standard ICD diagnosis. The system then proposes a preferred treatment appropriate to the selected diagnosis (408). The physician can change any items of the proposed treatment plan (406), with changes being checked against payor rules (408), prior patient information and selected authority guidelines. If a diagnosis/treatment element is not authorized by the payor for the selected diagnosis, the system notifies the physician, allowing changes (412) or offering electronic request for payor authorization. The system may indicate those diagnoses for which payor allows said elements, allowing the physician to choose a diagnosis that is consistent with the patient's symptoms and supports the desired treatment. Upon accepting a diagnostic/treatment plan (420), the plan elements are carried out automatically (422).

### French Abstract

L'invention concerne un systeme electronique servant de point unique d'integration de tous les systemes electroniques d'information en matiere de soins de sante. Le medecin choisit un diagnostic, qui est converti de la terminologie preferee du medecin en un diagnostic selon la classification internationale des maladies (ICD) normalisee. Le systeme propose ensuite un traitement prefere convenant au diagnostic choisi (400). Le medecin peut modifier n'importe quel element du plan de traitement propose (406), les modifications etant controlees par rapport aux regles de payeur (408), aux informations anterieures donnees au patient et aux lignes directrices des autorites choisies. Si l'element de diagnostic/traitement n'est pas autorise par le payeur pour le diagnostic choisi, le systeme en avise le medecin, ce qui permet d'apporter des modifications (412) ou de soumettre une demande electronique a l'autorisation du payeur. En outre, le systeme peut indiquer les diagnostics pour lesquels le payeur autorise lesdits elements, le medecin pouvant alors choisir un diagnostic qui soit conforme aux symptomes du patient et favorable au traitement desire. Des l'acceptation d'un plan de diagnostic/traitement (420), les elements du plan sont executes automatiquement (422).

Legal Status (Type, Date, Text)

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Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

Search report

... 220 and a back office computer 222. The front office computer is typically used to check in **patients**, prepare bills, etc. while the back office computer is more typically used for reference, medical file review ...

...and a back office computer 222 can perform the same functions and both will interact with the **insurance** payers for authorizations, referrals, etc. The clinic server also maintains several databases including a **patient** database 224, a StatPADtm access device database 226, a **financial** database 228, and a diagnosis/treatment/prescription database 92, all of which may be for example, **relational** databases of the type commercially available from Oracle Corporation, Redwood ...StatPADtm access device database 226 includes operational data used to guide the StatPADtm access device program. The **patient** database 224 includes a medical and **insurance** information about all **patients** treated in the clinic. All information in the system is **subject** to security measures including physical, electronic and programmatic security means.) . **Financial** database 228 includes billing **records** for the clinic. The diagnosis/treatment/prescription database 92 includes diagnosis, treatment, prescription information. This information...

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00861870 \*\*Image available\*\*

**SECURE ELECTRONIC DOCUMENT NETWORK TRANSPORT PROCESS**

**PROCEDE DE TRANSPORT DE DOCUMENTS SECURISE**

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CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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Detailed Description

Claims

Fulltext Word Count: 17754

English Abstract

## Search report

Transport software is provided which facilitates secure transfer of legally enforceable electronic documents (900) between servers (1100A, 1100B) in a computer network. The transport software includes four scripts (1402, 1404, 1406, 1408). A doc.send script (1402) at the originating server (1100A) causes preparation of a package having an electronic document (900) and routing information (1504), and transfers the package to the destination server (1100B). Consistent with a doc.receive script (1406), the destination server (1100B) performs an initial validation of the package and, if validation is successful, processes the electronic document (900). The electronic document (900) is then returned to the originating server (1100A) in accordance with a doc.send script (1404), and received and processed at the originating server (1100A) consistent with another doc.receive script (1408). If the electronic document (900) does not pass the initial validation, it is returned to the originating server (1100A) in accordance with the doc.receive script (1408) of the originating server.

### French Abstract

L'invention concerne un logiciel de transport qui facilite le transfert securise de documents juridiques electroniques (900) ayant force executoire entre des serveurs (1100A, 1100B) dans un reseau informatique. Ce logiciel de transport comprend quatre scripts (1402, 1404, 1406, 1408). Un script <= doc.send >= (1402) present dans le serveur de depart (1100A) commande la preparation d'un paquet comprenant un document electronique (900) et une information de routage (1504) et transfere ce paquet au serveur de destination (1100B). Conformement a un script <= doc. receive >= (1406) le serveur de destination (1100B) effectue une validation initiale du paquet et si cette operation de validation reussit, il traite le document electronique (900). Le document electronique (900) est ensuite renvoye dans le serveur de depart (1100A) conformement a un script <= doc.send >= (1404) pour etre recu et traite dans le serveur de depart (1100A) conformement a un autre script <= doc.receive >= (1408). Si la validation initiale du document (900) echoue, il est renvoye au serveur d'origine (1100A) conformement au script "doc.receive >= (1408) du serveur d'origine (1100A).

### Legal Status (Type, Date, Text)

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International Patent Class: **G06F-017/30**

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Claims

### Claim

... network. [00071 Embodiments of the invention are particularly well suited for use in the context of county **recording** systems for real property transactions. However, embodiments of the present invention are suitable for use in any...invention;  
[00181 Figure 2A is a block diagram that illustrates how an electronic document is generated, transmitted, **recorded** , and returned to a user;

## Search report

necessary. The required signatures are often dependent on the transaction as well as on legal requirements. When a real estate transaction is **recorded**, both the notary block 707 and the **recorder** block 708 are usually required, although the required signatures may vary across jurisdictions. 100601 More generally, the...

...is often implemented as a template where the signature blocks (including the notary signature block and the **recorder** signature block), the routing information 701, the endorsement 702, and other data is already present in the template. In this example, these elements only need to be populated by the **recorder** or other person/entity. This approximates a signature on a paper document, because the user offly has...

...different states of the same electronic document, each of which. can be reconstructed. Figure 3A represents a **recorded** electronic document 700A after the electronic document has been verified and validated. Figure 3B represents the electronic document 700 before it is **recorded** and the electronic document 700B has not been digitally signed by the **recorder**. [0062] Figure 3C represents the electronic document 700C before it is digitally signed by the notary public...

...the signature A 702B and the signature B 703B. In Figure 3A, all necessary signatures, including the **recorder** signature 705A, are embedded in the electronic document 300. [0063] Figures 3A through 3E thus illustrate an...

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00852863 \*\*Image available\*\*

### SYSTEM FOR MONITORING REGULATION OF PHARMACEUTICALS FROM DATA STRUCTURE OF MEDICAL AND LABORATORY RECORDS

### SYSTEME DE SURVEILLANCE DE LA REGLEMENTATION DES PRODUITS PHARMACEUTIQUES A PARTIR D'UNE STRUCTURE DE DONNEES DE DOSSIERS MEDICAUX ET DE DOSSIERS DE LABORATOIRE

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Search report

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

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Detailed Description

Claims

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English Abstract

A system (10) is provided that integrates of records of clinical laboratory services into the assessment and optimization of patient health care and, in particular, regulation of the use of pharmaceuticals. Laboratory test result records are used in conjunction with other health care benefits records (22, 23, 24, and 26) to monitor regulation of use of pharmaceuticals by patients. The incorporation of laboratory tests and results into such a utilization system allows improvement in the management of a patient's therapy based on a more precise picture of the patient's level of illness as revealed by the laboratory test results. The system of the present invention also allows optimization of the selection of laboratory tests to be performed, and also provides an outcome assessment of the risk of hospitalization due to pharmaceutical treatments resulting in physician intervention, leading to a change in physician prescribing behavior and, accordingly, a decrease in drug induced hospitalizations and improved quality of patient care and savings of health care costs.

French Abstract

L'invention concerne un systeme (10) integrant les dossiers des services de laboratoire clinique dans l'evaluation et l'optimisation des soins de sante des patients, et, en particulier, de la reglementation de l'utilisation de produits pharmaceutiques. Les dossiers relatifs aux resultats des tests de laboratoire (25) sont utilises conjointement avec d'autres dossiers de prestations pour soins de sante (22, 23, 24, et 26) pour surveiller la reglementation de l'usage de produits pharmaceutiques par les patients. L'incorporation de tests et de resultats de laboratoire dans un tel systeme d'utilisation permet d'ameliorer la gestion de la therapie d'un patient sur la base d'une representation plus precise de l'etat de la maladie d'un patient tel qu'il apparait dans les resultats des tests de laboratoire. Le systeme de la presente invention permet egalement d'optimiser la selection de tests de laboratoire et de fournir une evaluation des resultats des risques d'hospitalisation dus a des traitements pharmaceutiques necessitant l'intervention d'un medecin, conduisant a un changement de prescription du medecin, et, par consequent, a une reduction du nombre d'hospitalisations induites par des medicaments, a une amelioration de la qualite des soins apportees aux patients et a une baisse des depenses liees aux soins de la sante.

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## Search report

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Claims

### Claim

... the present system. The medical information database 26 includes criteria for the drug/drug interactions, drug/disease **relationships** and other reviews undertaken in the present invention, as described in detail below. The criteria for the...

...executed by the CPU. Operator input is, possible through a keyboard or other known input devices. Database **records** information can also be received from an external device or through an Internet connection or intranet connection...

...Output is viewed through a standard graphical user interface or terminal or other known output devices.

#### Medical **Records** Inputs To The Database

The present invention utilizes this data processing system for user interface with the medical **records** databases. The medical **records** databases of the present invention are preferably formed from **records** relating to **patient** claims for health care benefits, but the present invention may be utilized with any number of types of **medical record** databases, as will be explained. In addition to **medical records** based on **patient** claims, the database may include **records** from related claims and information submitted by one or more treating **physicians** and other medical providers. The **medical records** database preferably includes conventional

information regarding claims, such as **patient** identification by name and residence address (to also provide geographic data), **patient** age and sex, disease diagnosis, medical procedure identification and prescribed treatment, including drug or other therapy.

In the preferred embodiments of the present invention, the **medical records** database also includes **records** relating to regulation of drugs being provided to the **patients**. Such **records** may be provided by the **doctor** or **patient** in the form of a benefit claim. or may be provided by a database of pharmaceutical claims, which

Also included in the **medical records** database of the preferred embodiments of the present invention are laboratory test **records**. Preferably the laboratory test **records** include an identification of the specific tests performed by the laboratory and the results of those tests, as well as standard codes indicating **patient** identification, date of lab test, lab test code, lab test description and results, and an identification of...

...context medical claims serving as indication of the presence or absence of particular diseases.

The above-described **medical records**, including **patient**, pharmaceutical and laboratory test **records**, are typically available in a conventional health benefits claims database. The system of the present invention makes use of those particular **records** in conjunction with a series of logic rules to provide predictive and informational results relating to presence of measured drug concentrations and indices of drug effectiveness.

#### Data Structure And Logic

**Physicians** and other health care workers create electronic **records** that represent the **health records** of their **patients** or other medically related **records**. The **physicians** and other workers may either manually express **patient** or other medically related **records** in terms of codes

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and expressions that can be processed by the invention, or an interface may translate narrative **patient records** into codes and expressions that can be processed by the invention. Similarly, pharmacies and other drug dispense units create electronic **records** that represent the initiation or discontinuation of drug treatment for **patients**, as well as dosage levels of those treatments. Pathologists and other laboratory workers also create electronic **records** that represent the performance and outcomes of particular laboratory tests for **patients**. Those **records** may provide an indication of the concentration of a specific drug in a **patients** blood, urine, spinal fluid, or other tissues or may indicate the presence of certain diseases. Other types...

...3) urinalysis, (4) bacteriology (culture and sensitivity), and (5) tissue/cytology.

The resulting sets of these electronic **records** comprise a database of **records** for use with the system of the present invention. The alphanumeric codes used in the **patient** /medical databases are the same as the alphanumeric codes of the corresponding concepts of the search engine and application software. For example, conventional ICD9CM diagnosis codes **reported** on **health care** claims and conventional NDC drug codes **reported** on **health care** claims may be used with the system of the present invention. Any type of search engine known in the art may be used to review the relevant **records**, such as structured query logic (SQL) or similar systems. The specific software code for implementation of the...

...relates more generally to, the logic system for evaluation and review of the underlying data structure and **medical records** database than to the specific software code implementation of the system. An example of the type of...

...the present invention would be a DEC Alpha server, with a VMS operating system, utilizing DEC RDB (**Relational Database**) as a database tool, utilizing Purveyor software for its **internet** interface. Internally, RDB uses SQL to **support inquiries**. Another example of the type of ... processing (SMP) environment, known as SP2, utilizing Oracle 6 as a database tool and Microstrategy as its **inquiry** tool. Other systems and configurations are possible. The logic system will be described by reference to a...

...references detailing drug interaction guidelines. As previously noted, these criteria, and related information, are stored in a **medical information** - 10 database in the form of a look-up table, or other similar structure, and provide the...

...making in the logic structure of the present invention. In each of the following examples, the various **records** databases are reviewed by the search engine for the identified **patient** information and the indicated output is provided system user or directly to a treatment provider. Operation of System for Monitoring Regulation of Pharmaceuticals From. Database of **Medical Records**. In operation, the system of the present invention allows access to a database of **medical records** that preferably includes one or more of the following: **records** of **patient** claims, **physician** claims, pharmacy (or other drug dispensation) claims and laboratory test claims and test results. The system user initiates a system review that causes the **records** to be searched by the search engine and analyzed through a series of logic based rules. At various **points** in the search review, a

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comparison is made to data stored in a separate medical information database...

...contemplates update; and revision of that separate information database as a result of information learned from the **record** review over a period of time. Figure 2 illustrates the different types of drug utilization review issues...

...review of the laboratory test results indicates an abnormal liver function, the user (and eventually the treating **physician**) WO 01/86506 PCT/US01/14691 months of duration of usage. If a laboratory result of a ...

...detected by the search engine, the system would send an alert to the user (and to the **physician**) indicating that a liver function test is necessary. The system also checks for interactions 44 between different ...

...toxic (too high a level) or non-therapeutic (too low a level). An example would be a **patient** on theophylline for asthma, who was then given a macrolide antibiotic, such as erythromycin. The erythromycin interferes...

...of the various checks, appropriate alerts 52 are sent to the user, which may be the treating **physician** or a related **health care provider**. - 12  
Figures 3 and 4 include block diagrams that describe the various checks of Figure 2 in...

...search 60, a check is made for laboratory monitoring frequency 62. This check alerts users or other **health care providers** regarding the lack of appropriate laboratory monitoring required for a **patient** with a particular condition (disease or diagnosis) or taking a particular drug. An alert occurs if the...

...drug interaction monitoring check 64 alerts providers regarding the lack of appropriate laboratory monitoring required for a **patient** when an interacting drug is initiated or discontinued. An alert occurs if the appropriate lab test code...abnormal. A lab test appropriateness conditions check 78 alerts the user if a test is useless or **invalid** under certain conditions. For example, a lab test for ferritin may show **invalid** results if performed when the **patient** is an alcoholic because ferritin is released from a damaged liver. A direct bilirubin test is useless...

...shown in Figure 5, upon initiation of a search 90, the search engine searches 92 and identifies **records** having references to particular drugs, such as DRUG A, DRUG B, DRUG C, et seq- for each of the drugs referenced in the system. If DRUG A is identified in a particular **record** 94, then a series of evaluations relating to DRUG A are performed. If DRUG A is not identified in a particular **record** 94, then the search, engine continues its search 96 with reference to DRUG B and DRUG C, until completion.  
Upon identification 94 of a **record** with at least one dosage of DRUG A for **PATIENT**, a search 98 is conducted for a laboratory report from LAB 1 that 14 indicates a test...

...separate database of medical information, which can be accessed by the search engine during the search. This **record** check provides a confirmation that initiation of usage of DRUG A is being properly monitored with the...



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- ...that a laboratory test is needed within X days for proper monitoring of drug dosage. At this **point**, the search engine may also search for an indication of a disease or condition on the **medical record** of **PATIENT1** corresponding to the prescription of DRUG A, and a separate comparison may be made of...
- ...within X days causes the search engine to then conduct a search 102 for confirmation that the **subject** test is repeatedly performed at LAB 1 within a period of every X days for a duration...
- ...separate database of drug information, which can be accessed by the search engine during the search. This **record** check provides a confirmation that maintenance treatment with DRUG A is being properly monitored with the correct...9, the search engine continues the lab report checks 120 and conducts a search 122 for a **medical record**, preferably in the form of a prescription **record**, that indicates a change in dosage of DRUG A. Positive identification of such a **record** causes an evaluation of whether the change in dosage is greater than 50% of the previous dosage and another search for a laboratory **record** indicating that a test has been run relating to use of DRUG A within Y days after...
- ...with regard to dosage level effectiveness of DRUG A to treat the diagnosis or condition indicated for **PATIENT1** on the **medical record**. This **record** check provides a monitoring of the change in dosage of a particular drug and can allow intervention...
- ...search routine for increased dosage level of DRUG A, the search engine performs a search 126 for **records** indicating the diagnosis or condition (DISEASE A) that has been indicated for **PATIENT1** who is being prescribed DRUG A. As noted above, the information regarding diagnosis or condition may be...
- ...necessary or recommended in the treatment of such a condition. Accordingly, upon identification of DISEASE A with **PATIENT1**, the search engine looks for a laboratory test report or test reports, from LAB 1 within X...
- ...a comparison of the test report, results with the information database with regard to DISEASE A. This **record** check provides monitoring of specific diseases or conditions for necessary or preferred laboratory tests.  
Having completed the...
- ...engine continues with checks 130 for use of DRUG B by initiation of a search 132 for **records** for use of DRUG B. This routine is illustrated in Figure 6. Upon finding a **record** indicating use of DRUG B, the search engine continues to perform the various checks 134 with regard to DRUG B. Failure to find a **record** for DRUG B causes the search engine to continue with its other checks 136.  
As illustrated in Figure 7, the search engine then conducts a search 138 for a **record** 140 indicating initiation of use of DRUG B in **PATIENT1** in combination with DRUG A. Failure to find such a **record** prompts the engine to continue to perform other checks 141, which may include checks for use of DRUG C, DRUG D, et seq. Positive identification of use of DRUG B in **PATIENT1**, along with use of DRUG A, causes monitoring 142 for a report from LAB 1 every X...
- ...an alert 144 to be sent to, the user. Positive identification of use of DRUG B in **PATIENT1**, along with use of DRUG A, also causes a review of the information database for an indication...

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...user

on effectiveness of DRUG A and/or DRUG B with regard to DISEASE A. This - 17 **record** check provides a monitoring of drug interaction upon initiation of a second drug therapy. Positive identification of...

...its review 146 of use of DRUG A with DRUG B and conduct a search 148 for **records** indicating discontinuation of usage of DRUG B. Such a search can be conducted by searching for the absence of **records** indicating renewal of a prescription for DRUG B within X + 30-days after the last receipt of...

...LAB 1 is made for indications that the test results are above or below the normal range for **patients** with ...causes an appropriate alert 160 to be sent to the user that a re-evaluation of the **patient's** condition or diagnosis is necessary. Such results also suggest a reevaluation of the test results or a...

...to specific examples.

Examples of Logic Structure Implementation

Example 1 -- Monitor Drug Initiation

Database search indicates that **PATIENT1** has been prescribed DRUG A, i.e., (DRUG A > 1). Detection of initiation of DRUG A causes monitoring ...

...lab testing after initiation of treatment with DRUG A provides information regarding level of DRUG A in **patient** and effectiveness of DRUG A as treatment. Examples of such a search routine would include: (1) initiation...

...lab test for TSH every 180 days. - 19

Example U -- Monitor Drug Frequency

Database search indicates that **PATIENT1** has been provided two treatment phases of DRUG A (DRUG A > 2). Detection of start, of second ...

...about the effectiveness of DRUG A for a second treatment phase for the disease indicated in the **record**. Monitoring of lab **information** regarding further **treatment** phases provides information about effectiveness of DRUG A as a treatment. Examples of such a search routine...

...HCG pregnancy lab test every 30-days.

Example IR -- Monitor Drug Dosage Changes

Database search indicates that **PATIENT1** has been provided with a change in dosage level of greater than 50% of the previous dose...

...days, or an alert is provided about the level of dosage of DRUG A 20 in the **patient** and the effectiveness of particular dosage levels of DRUG A for the treatment of the indicated disease...

...7 days for a total of 21 days.

Example IV -- Monitoring of Disease

Database search indicates that **PATIENT1** has DISEASE A

(DISEASE(A) > 1). Detection of presence of DISEASE A causes monitoring for report from...the need for particular tests from the laboratory.

Examples of such a search routine would include: (1) **patient** with diabetes (DISEASE A) requires monitoring for lab test for hemoglobin A1C (Hgb A1C) every 180 days; (2) **patient** with hypertension (DISEASE A) requires monitoring for lab test for creatinine every 365 days; and, (3)

# Search report

**patient** with pregnancy condition (DISEASE A) requires monitoring for lab test for urine protein every 30-days.

Exj.mple V - Drug Interaction

Database search indicates initiation of DRUG B in **PATIENTI** with. current usage of DRUG A (DRUG A > 1, DRUG B > 1) . Detection of usage of DRUG...

...drugs.

Examples of such a search routine would include: (1) initiation of troleandornycin (DRUG B) in **patient** taking theophylline (DRUG A) requires monitoring for lab test for theophylline level every 7 days; (2) initiation of furosemide (DRUG B) in **patient** taking a thiazide (DRUG A) requires monitoring for lab test for - 21 potassium. every 180 days; and, (4) initiation of insulin (DRUG B) in **patient** taking a sulfonylurea (DRUG B) requires monitoring for a lab test for blood glucose level every 90...

29/5,K/8 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00844338 \*\*Image available\*\*

## **AUTOMATED AND INTELLIGENT NETWORKED-BASED PSYCHOLOGICAL SERVICES SERVICES PSYCHOLOGIQUES INTELLIGENTS ET AUTOMATISES SUR RESEAU**

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KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 84913

## English Abstract

A modularized approach is provided for implementing an online psychological service, see figure 1. The service is made up of modules (122), consisting of specific techniques, procedures, tests or skills. The parameters (124), associated with the modules are customizable to accommodate appropriate needs of a client. Furthermore, clients are able to assimilate more than one module into protocols to fit their needs. For example, clients are able to put together a set of modules to come up with a protocol for treating a specific disorder.

## Search report

### French Abstract

La presente invention concerne une approche modularisee pour la mise en oeuvre de service psychologique en ligne (voir figure 1). Le service est compose de modules (122), constitues de techniques, de processus, d'essais, ou d'aptitudes specifiques. Les parametres (124) associes aux modules sont aptes a etre personnalises en vue de s'adapter aux besoins particuliers d'un client. Par ailleurs, les clients peuvent assimiler plus d'un module dans les protocoles correspondant a leurs besoins. Par exemple, les clients peuvent regrouper un ensemble de modules en vue d'obtenir un protocole pour le traitement d'un trouble determine.

Legal Status (Type, Date, Text)

Publication 20011018 A1 With international search report.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

### Detailed Description

... integration of biofeedback with CBT is particularly successu when it is integrated into the portions of the **treatment** focused on training 10 relaxation or in maintaining relaxation when exposed to anxiety eliciting stimuli during in...

...procedure. In addition to incorporating many of the procedures of cognitive-behavioral therapy and other forms of **brief therapy**, specific

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behavioral techniques are also integrated to analyze verbal behavior, in specifying behavioral response sequences, and...

...for the particular client based on data acquired during the session. Assignments generally require the client to **record** data that is entered back into the program.

This data is taken into account in subsequent training...Decision Making

c. Coping Skills

d. Interpersonal Skills

2. Techniques

a. Eliciting and Evaluating Automatic Thought

b. **Targeting** Techniques and Goal Setting

c. Prioritizing

d. Cognitive Modification

i. Sub-modules with specific techniques, as Metaphor...b. Client

prints-out and/or downloads homework sheet for ATM

c. Client has access to ATM **program** during week for review

X. Session 1 0: Guided Imagery & 4udiolVisual Relaxation Training Module

A. Guided hnagery...

...completes PRKF and PhysioScan Quick Scan

5. Guided Imagery Training Initiated

6. Reinforcement Module for assigning reinforcement **points**

7. Transitional relaxation through the AudiolVisual Relaxation Module

8. Homework

a. Introduction & instructions for GI homework assignment...

...b. Client prints-out and/or downloads homework sheet for GI

c. Client has access to GI **program** during week for review

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XI. Session I 1: Applications to Everyday Life: Systematic

Desensitization

Training Module...

## Search report

- ...completes PRKF and PhysioScan Quick Scan
- 5. Systematic Desensitization Training Initiated
- 6. Reinforcement Module for assigning reinforcement **points**
- 7. Transitional relaxation through the Audio/Visual Relaxation Module at end of session
- 8. Homework
  - a. Introduction...
- ...b. Client prints-out and/or downloads homework sheet for SD
- c. Client has access to SD **program** during week for review
- Introduction: This **program** employs the principles previously delineated to form a general Cognitive Self-Regulation Protocol for Anxiety and Depression...
- ...this module
- 2. Generalized Assessment Module
  - a. Introduction to the Evaluation Process
  - b. Assessment Instruments - Self-Report **Questionnaires**
    - i. General Introduction
    - ii. Introduction to specific tests
    - iii. Administration of specific tests
  - 1. Anxiety Tests
  - 2...
- ...Cognitive Self-Monitoring and Self-Report Module
- 1. Pain, Assessment Form
  - a, Instructions
  - b. Maladaptive Thinking Styles **Questionnaire**
  - c. Brief **Survey** of Irrational Thoughts and Beliefs
  - d. Cognitive Narrative Report Form
  - D. Personal Record Keeping Form (PRKF)
  - I...reinforcements
- 8. Final Relaxation Period
- A. Audio/Visual Relaxation Module
- B Client sets basic parameters with suggestions from **program**
- M. Session 3: Attention & Awareness Training
- A, Attention & Awareness Training Module
  - 1. Attention and Concentration Training (AAT...
- ...to internalize focus of attention
- 1 PhysioScan Technique
  - 1. Focusing on the physiological sensations
  - 2. Training in systematic and **programmatic** graded exposure to various internal responses
- 1 PhysioScan Module
- 2 Progressive Muscle Relaxation Module I
  - ii. Meditation and Autogenic Training Module
  - 1. Interoception - awareness of internal states
  - 2. **Programmatic** training in sustained awareness to thoughts and images
- 1 Awareness techniques
- 2 Extinction and habituation techniques
- 69
- ffl...
- ...instructions for PC/Online homework
- assignment through the Report & Forms Generator Module
- ii. Client has access to AAT **program** exercises during week for review
- 70

## Search report

- . Practice attentional techniques that need reinforcement
- 2. Practice special attention & awareness...
- ...reviews assessments pertaining to maladaptive thinking & 'irrational beliefs from the Generalized Assessment Module
  - 1. Maladaptive Thinking Styles **Survey**
  - 2. Brief **Survey** of Irrational Thoughts and Beliefs
  - 3. Brief gindler Anxiety Scale
  - C. Cognitive Self-Monitoring & Self-Report Module...Reinforcement Module
  - A. Review and change, if necessary, Reinforcement Hierarchy and/or Reinforcement Schedule
  - B. Assign reinforcement **points** for session or homework
  - VI. Cognitive Rehearsal & Practice Module (Sessions 14)
  - A. Introduction to cognitive practice & rehearsal...
- ...1. For anxiety
- 2. For depression
- 3. For combined anxiety and depression
- Habit Control Protocol
- Introduction: This **program** employs the principles previously delineated to form a general Habit Control Protocol with a number of applications...
- ...Habit Control Module
  - 2. GeneralizedAssessment Module
    - a. Introduction to the Evaluation Process
    - b. Assessment Instruments - Self-Report **Questionnaires**
      - i. General Introduction
      - ii. Introduction to specific tests
      - iii. Administration of specific tests
    - 3. PhysioScan Module
    - 83...data
    - b. Input into computer in next session
    - H. Complete Reinforcement Module
    - 91
    - Pain Management Protocol
    - This **program** employs the principles previously delineated to form a general Pain Management Protocol with a number of applications...
- ...this module
  - 2. Generalized Assessment Module
    - a. Introduction to the Evaluation Process
    - c. Assessment Instruments - Self-Report **Questionnaires**
      - L General Introduction
      - H. Introduction to specific tests
      - iii. Administration of specific tests
    - 3. PhysioScan Module
    - A...
- ...Report
  - C. Cognitive Se@f-Rqport SubModule
  - 92
  - . Pain, 4ssessment Form
    - a, Instructions
    - b. Location of Pain **survey**
    - c. Pain Frequency Rating Scale
    - d. Pain Intensity Rating Scale
    - D. Personal Record Keeping Form (PRKF)

## Search report

- 1...for PC/Online homework assignment through the Report & Forms Generator Module
- ii. Client has access to AAT **program** exercises during week for review
  - 1. Practice attentional techniques that need reinforcement
  - 2. Practice special attention & awareness...
- ...Demonstration of self-monitoring technique
  - c. Introduction to self-monitoring practice
  - d. Client practices self-monitoring with **program**
  - e. Client practices self-monitoring without **program**
  - f Homework assignments
- V. Cognitive Restructuring Module for Pain Management
- A. Introduction to Cognitive Restructuring
- B. Introduction...
- ...Review assessments pertaining to maladaptive thinking & irrational beliefs from the Generalized Assessment Module
  - 1. Maladaptive Thinking Styles **Survey**
  - 2. Irrational Beliefs Assessment Scale
- C. Cognitive Self-Monitoring & Self-Report Module
  - 1. Irrational Thoughts & Beliefs Concerning...live movies of humans.
- 1 . Examples of specific maladaptive thinking styles
- 2. Specific forms and self report **questionnaires** to help client identify and classify cognitive and behavioral patterns
  - ...animation model
- 7. Age of the animation model
- 8. Ethnic/Social background of animation model
- Module hnpementation: **Programming** Steps
  - 1. Screen 1: Entry/Gateway Screen
  - 2. Screen 2: Contingency Management Training (CTM). The client receives...

29/5,K/9 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00844319 \*\*Image available\*\*

**THE EXTENDED ORDER COMMUNICATION SYSTEM BASED ON INTERNET AND METHOD THEREOF**  
**SYSTEME ETENDU DE TRANSMISSION DE COMMANDES BASE SUR L'INTERNET ET SON PROCEDE**

Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200177927 A1 20011018 (WO 0177927)

Application: WO 2001KR221 20010214 (PCT/WO KR0100221)

Priority Application: KR 20006997 20000215

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

## Search report

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

International Patent Class: G06F-019/00

Publication Language: English

Filing Language: Korean

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6036

### English Abstract

An object of the present invention is to provide the electronic prescription system based on the internet and implementing method thereof which may rapidly and accurately transmit the prescription of patient treatment issued by doctor to pharmacist of pharmacy, and connect to the advertising system of pharmaceutical company. To accomplish the said objects, the present invention is characterized in that it comprises: the pharmacy database system (14); the group server (18) of the membership pharmaceutical; the Web server (10); the terminal computer group (KIOSK) for payment of medical examination, issuing and transmitting the electronic prescription according to the result of the medical treatment to the patient-designated pharmacy or the pharmacy in the close vicinity to residence over Internet after the medical treatment of patient; the pharmacy terminal; and the patient database system (16). By noticing that the request and management of such data is implemented in the server on the internet, and in authentication giving access admission, it is hard to identify patient himself, or in the medical characteristics, doctor and patient always has to meet each other, medical circles play a roll as authentication registration authority (RA) so as to give confirmation to patient identification, and the authenticated patient may have grant right about the designation of new family doctor on the Internet later.

### French Abstract

Un objectif de la presente invention vise a produire un systeme de prescription electronique base sur l'Internet et son procede de mise en application permettant de transmettre rapidement et avec precision la prescription du traitement d'un patient emise par un docteur pour le pharmacien d'une pharmacie, et de se connecter au systeme d'annonces publicitaires d'une societe pharmaceutique. Pour atteindre lesdits objectifs, la presente invention est caracterisee en ce qu'elle comprend: le systeme (14) de base de donnees de pharmacie; le serveur (18) de groupe de societes pharmaceutiques membres; le serveur Web (10); le groupe d'ordinateurs satellites (KIOSK) permettant le paiement de l'examen medical, emettant et transmettant la prescription electronique selon le resultat du traitement medical a la pharmacie designant le patient ou a la pharmacie se trouvant dans le voisinage immediat de la residence sur l'Internet, apres le traitement medical du patient; le terminal de pharmacie; et le systeme (16) de base de donnees de patients. Par la notification que la demande et la gestion de ces donnees sont mises en oeuvre dans le serveur sur l'Internet, et dans l'authentification donnant une admission d'accès, il est difficile d'identifier le patient lui-meme, ou dans les caracteristiques medicales, le docteur et le patient doivent toujours se rencontrer, les cercles medicaux jouant un role d'autorite d'enregistrement d'authentification (RA) de maniere a donner une confirmation pour l'identification du patient, et le patient authentifie peut ensuite avoir un droit d'autorisation concernant la designation d'un nouveau medecin de famille sur l'Internet.

Legal Status (Type, Date, Text)

Publication 20011018 A1 With international search report.



Search report

Examination 20011220 Request for preliminary examination prior to end of  
19th month from priority date

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... as the compensation of consuming the said custom  
advertisement.

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. A method of constituting the treatment and **medical** affair **record**  
database  
as defined in claim I or 5, wherein the said method includes the mutual  
authentication between **patient** and **doctor** ,  
the said authentication comprises:  
a step which **doctor** and **pharmacist** treats and interviews a **patient** ;  
a step connecting to the database server after the treatment and  
receiving  
the registration authority ( **doctor** ) authentication;  
a step determining whether the **patient** certification database of the  
corresponding treated **patient** should be registered after the  
registration authority  
authentication in the previous step;  
a step which **doctor** makes and registers the **patient** certificate  
including **personal** information and digital signature of the  
corresponding **patient** by digital key for registration as a roll of  
registration authority if the treated **patient** is not  
registered in the previous step;  
a step which **patient** makes singular or multiple selection and  
authenticates family **doctor** who has authority reading and adding the  
treatment  
and **medical** affair **record** (including image data);  
a stop which **doctor** registers the treatment and **medical** affair  
**record** as  
family **doctor** and, if the **patient** is a registered **patient** , updates  
the existing  
database with the treatment data of the corresponding time; and  
a step which family **doctor** authenticates authority in which cooperative  
**doctor** may read the **patient** **record** within the range defined in the  
medical law in case that the cooperative treatment may be needed with the  
other **doctor** .

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a. A database constituting system for the treatment and **medical** affair  
**record**  
as defined in claim 7, wherein the said system includes:  
terminal (7-11~13) installed in hospital...

...terminals

with the authentication information of as the registration authority,  
receives and treats the first treatment and **medical** affair **record** or  
update **treatment** **record**  
inputted from each authenticated hospital and drugstore terminal;  
**patient** certification database system (7-16) which stores and updates  
the  
**treatment** **record** of each **patient** handled by the said server; and  
**pharmacist** database system (7-18) and **doctor** database system (M7)  
which are connected with the said server and authenticates the  
qualification of **pharmacist** and **doctor** .

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Search report

29/5,K/10 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00839970 \*\*Image available\*\*

**MEDICAL INFORMATION MANAGEMENT SYSTEM AND PATIENT INTERFACE APPLIANCE**  
**SYSTEME DE GESTION D'INFORMATIONS MEDICALES ET SYSTEME INTERFACE PATIENT**  
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Legal Representative:

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15230-0488, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200173653 A1 20011004 (WO 0173653)

Application: WO 2001US9307 20010322 (PCT/WO US0109307)

Priority Application: US 2000192071 20000324; US 2001814143 20010321

Designated States: AU BR CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 21083

English Abstract

A medical information system (Fig. 2-30) and method that stores and manages patient information and that enables a patient (Fig. 2-12) and an authorized third party, such as a friend or family member, to access the patient's medical information. The presentation format, substance of the patient's medical information provided, or both are customized depending on whether the patient (Fig. 2-12), a healthcare professional (Fig. 2-16) or the third party (Fig. 2-40) is accessing the patient's medical information. The present invention also pertains to a method of subsidizing such a medical information system (Fig. 2-30) by selling advertising space in the presentation shown to the third party, patient or healthcare professional. The present invention further pertains to a patient interface appliance that includes a display containing multiple viewing fields, one of which is a general information field and one of which is an advertising field, to present information and advertisements to a user during a patient interactive session. Patient participation in conducting the survey is fostered by offering a survey completion reward to the patient upon completing the survey.

French Abstract

L'invention concerne un systeme d'informations medicales (Fig. 2-30) et un procede permettant, d'une part, de stocker et de gerer des informations sur un patient et, d'autre part, d'autoriser un patient (Fig. 2-12) et un tiers habilite, tel qu'un ami ou un membre de la famille, a acceder a ces informations medicales. Le format de presentation et le contenu des informations medicales d'un patient

# Search report

peuvent etre personnalises en fonction de l'acces par un patient (Fig. 2-12), un professionnel de sante (Fig. 2 a 16) ou un tiers (Fig. 2-40) aux informations medicales. L'invention concerne egalement un procede permettant de subventionner le systeme (Fig. 2-30) grace a la vente d'espaces publicitaires dans la presentation destinee au tiers, au patient ou au professionnel de sante. L'invention concerne egalement un systeme interface patient comprenant un affichage presentant plusieurs champs de visualisation, l'un de ces champs consistant en un champ destine aux informations d'ordre general, et l'autre champ consistant en un champ publicitaire. Ledit affichage permet de presenter des informations et des annonces publicitaires a un utilisateur pendant une session interactive du patient. La participation du patient a l'enquete est encouragee par une recompense qui est offerte pour toute enquete completee.

Legal Status (Type, Date, Text)

Publication 20011004 A1 With international search report.

Examination 20020103 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... conventional communication technique or protocol, such as by means of the internet or a telephone.

[13] While **telemedicine** is believed to be helpful in improving interaction and monitoring of a home-based patient by the healthcare professional, it does nothing to foster the involvement of the **friend** or **family member** in monitoring and caring for the patient. At best, the **friend** or **family member** can access the **telemedicine** system as if they were the patient or as if they were healthcare professional, e.g., by...

...14 that the patient or healthcare professional can access, if such information is available. In essence, the **friend** or **family member** can, at best, step into the shoes of the patient or healthcare professional, assuming, of course, that such a **friend** or **family member** has the appropriate authorization to do so, as **medical records** are treated as confidential between a **doctor** and a patient.

[14] Unfortunately, the patient information that the friend or family member can access by...

29/5,K/11 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806389

**SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT**  
**PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUEE**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US

(Residence), US (Nationality)

Inventor(s):

# Search report

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2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139082 A2 20010531 (WO 0139082)

Application: WO 2000US32228 20001122 (PCT/WO US0032228)

Priority Application: US 99447625 19991122; US 99444889 19991122

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ  
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/16**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 152479

English Abstract

French Abstract

L'invention concerne un systeme, un procede, et un article manufacture de gestion proactive mis en oeuvre au cours de la maintenance et de l'entretien d'un environnement du type chaine d'approvisionnement reseautee. Les appels telephoniques, les donnees et autres informations multimedia sont routes via un reseau assurant le transfert des informations via Internet au moyen d'informations de routage telephonique et d'informations d'adresse de protocole Internet. Ledit reseau comprend un gestionnaire de seuil proactif qui avertit a l'avance les fournisseurs d'une rupture de contrat imminente. Ledit gestionnaire de seuil proactif envoie une alarme au fournisseur de services lorsque le niveau de service du moment n'atteint plus le niveau de service determine dans le contrat en termes de maintien d'un certain niveau de service.

Legal Status (Type, Date, Text)

Publication 20010531 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010927 Request for preliminary examination prior to end of 19th month from priority date

Declaration 20020103 Late publication under Article 17.2a

Republication 20020103 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Main International Patent Class: **G06F-017/16**

Fulltext Availability:

Detailed Description

Detailed Description

... classes of media transport services, numerous automations in electronic internet commerce activities e.g. banking, shopping, customer care, education, etc. As the NGN matures third party value added service providers will develop IP based services...

29/5,K/12 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00806383

**COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING  
DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT  
AND METHOD THEREOF**

**PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES  
STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN  
ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET  
PROCEDE ASSOCIE**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Palo Alto, CA 94303, US,

Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US32309 20001122 (PCT/WO US0032309)

Priority Application: US 99444655 19991122; US 99444886 19991122

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/00**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 157840

English Abstract

A system, method and article of manufacture are provided for collaborative capacity planning during demand and supply planning in a network-based supply chain. Data access is provided from multiple simultaneous data sources utilizing a network for demand and supply planning in a network-based supply chain having at least one service provider and at least one manufacturer. Capacity data is stored utilizing the network.

French Abstract

On decrit un systeme, un procede et un article manufacture qui permettent d'effectuer la planification en collaboration des capacites lors de la planification de l'offre et de la demande dans une chaine d'approvisionnement fondee sur le reseau. L'accès aux donnees provient d'une pluralite de sources de donnees simultanees auxquelles on accede par un reseau en vue d'effectuer la planification de l'offre et de la demande dans une chaine d'approvisionnement fondee sur le reseau comprenant au moins un fournisseur de service et au moins un fabricant. Des donnees de capacite sont stockees au moyen du reseau.

Legal Status (Type, Date, Text)

Search report

Publication 20010531 A2 Without international search report and to be  
republished upon receipt of that report.  
Examination 20011206 Request for preliminary examination prior to end of  
19th month from priority date

Main International Patent Class: G06F-017/00

Fulltext Availability:  
Detailed Description

Detailed Description

... Core"

1 5

The major IN requirements include session establishment, advanced call processing, call routing and call treatment (network messages and call termination). Examples of applications and features are the CLASS family of services (Call...

29/5,K/13 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00799892 \*\*Image available\*\*

CUSTOMER DEMAND-INITIATED SYSTEM AND METHOD FOR ON-LINE INFORMATION  
RETRIEVAL, INTERACTIVE NEGOTIATION, PROCUREMENT, AND EXCHANGE  
SYSTEME LANCE SUR DEMANDE DU CLIENT ET PROCEDE POUR LA RECHERCHE  
D'INFORMATIONS EN LIGNE, LA NEGOTIATION INTERACTIVE, L'ACQUISITION, ET  
L'ECHANGE

Patent Applicant/Inventor:

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(Residence), US (Nationality)

Legal Representative:

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US,

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Detailed Description

Claims

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English Abstract

A method and system are described for automated electronic-commerce procurement of services, products or bundles. The method provides a demand-based, information-specific negotiation process. Customers can initiate bidding with selected sellers in the system in a multivariate format based on numerous factors. Detailed information on services and products is available for the customer in order to make informed

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petitions. The system consists of four main modules: registration (1000), information (2000), procurement (3000), and transaction and post-sale processing (8000).

### French Abstract

L'invention concerne un procede et un systeme de commerce electronique fournisseur de services, de produits ou de liasses automatise. Le procede fournit sur demande un systeme de negociation d'informations specifiques. Les clients peuvent commencer a faire des offres d'achat aux vendeurs selectionnes dans le systeme dans un format a plusieurs variables fondees sur plusieurs facteurs. Des informations detaillees concernant des services et des produits sont disponibles pour les clients aux fins de creation des requetes informees. Le systeme comprend quatre modules principaux : l'enregistrement (1000), l'information (2000), l'acquisition (3000), et la transaction, ainsi que le traitement apres-vente (8000).

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Claims

### Claim

... resource services.

337. The method for procurement of claim 336 wherein:

said yield management services comprise travel **telecommunications** and energy services.

338. The method for procurement of claim 336 wherein:

said customized products comprise computer, computer software, **telecommunications** equipment, office product, and consumer electronic equipment product groups.

339. The method for procurement of claim 336...

...medical doctors, nurses), information technology, science and engineering (e.g., scientists and technologists), manufacturing, professionals (e.g., **lawyers**, strategy management consultants, accountants, technology consultants), sales and marketing (e.g., sales, marketing, **advertising** and public **relations**, customer service), human resources (e.g., human resource management, benefits, compensation, and training), **finance** (e.g., CFOs, **commercial** banking, and investment banking), and materials management (e.g., inventory and quality control).  
342. The method of...

...method of claim 318 wherein:

said index includes bundles, each said bundle selected from a group of **individual** .3 product items and **individual** service items. 349. A system for procurement using a computer that communicates over a network, the system...

...item features, and said memory for maintaining a second list of identified items in an index of **individual** product items and **individual** service items, one or more network interfaces adapted to send and receive data to and from customer...

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...one of a I I plurality of customer nodes to receive bids to sell one of said **individual** product and service items, the request including a set of item attributes desired in said item, the features, program code for maintaining a list of said identified items in an index of **individual** product items and **individual** service items, program code for receiving from one of a plurality of purchasers a request to receive bids to sell one of said **individual** product and service items, said request including a set of item attributes desired in said item,  
I...

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00787038 \*\*Image available\*\*

**SYSTEM AND METHOD FOR PROCESSING TOKENLESS BIOMETRIC ELECTRONIC TRANSMISSIONS USING AN ELECTRONIC RULE MODULE CLEARINGHOUSE**  
**SYSTEME ET PROCEDE PERMETTANT DE TRAITER DES TRANSMISSIONS ELECTRONIQUES BIOMETRIQUES SANS AUTHENTIFICATION PAR L'UTILISATION D'UN CENTRE DE MODULES DE REGLEMENT ELECTRONIQUES**

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Detailed Description

Claims

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English Abstract

Herein is described a tokenless biometric method for processing electronic transmissions, using at least one user biometric sample (62), an electronic identifier (12) and an electronic rule module clearinghouse (14). The steps for processing of the electronic transmissions comprise a user registration step, wherein a user registers with an electronic identifier (12) at least one registration biometric sample taken directly from the person of the user. A formation of a rule module (50) customized to the user in a rule module clearinghouse (14), wherein at least one pattern data (54) of a user is associated with at



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least one execution command (52) of the user. A user identification step, wherein the electronic identifier (12) compares a bid biometric sample taken directly from the person of the user with at least one previously registered biometric sample (24) for producing either a successful or failed identification of the user. In a command execution step, upon successful identification of the user, at least one previously designated rule module (50) of the user is invoked to execute at least one electronic transmission. The above-mentioned steps are conducted in a manner wherein a biometrically authorized electronic transmission is conducted without the user presenting any personalized man-made memory tokens such as smartcards, or magnetic swipe cards.

### French Abstract

La presente invention concerne un procede biometrique sans marque d'authentification permettant de traiter des transmissions electroniques par l'utilisation d'au moins un echantillon (62) biometrique d'un utilisateur, d'un identificateur (12) electronique et d'un centre a modules de reglement electroniques. Le traitement de ces transmissions electroniques comprend l'etape d'enregistrement de l'utilisateur, dans laquelle un utilisateur enregistre a l'aide d'un identificateur (12) electronique au moins un echantillon biometrique pris directement sur la personne de l'utilisateur. Ce traitement comprend aussi la formation d'un module (50) de reglement personnalise a l'utilisateur dans un centre (14) de modules de reglement ou l'on associe au moins une configuration de donnees (54) a au moins une commande (52) d'execution de l'utilisateur. Ce traitement comprend encore une etape d'identification de l'utilisateur, dans laquelle l'identificateur (12) electronique compare l'offre d'un echantillon biometrique directement pris sur la personne de l'utilisateur avec au moins un echantillon (24) biometrique enregistre auparavant de facon a obtenir soit un succes, soit un echec dans l'identification de cet utilisateur. Ce traitement comprend enfin une etape d'execution de commande: apres une identification reussie de l'utilisateur, on appelle au moins un module (50) de reglement designe prealablement de l'utilisateur de facon a executer au moins une transmission electronique. On conduit les etapes susmentionnees de facon qu'une transmission electronique biometrique autorisee soit mise en oeuvre sans que l'utilisateur n'ait a presenter une marque d'authentification fabriquees a memoire telles que les cartes a puce ou les cartes a balayage magnetique.

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Claims

### Claim

... the Clearinghouse 14, by an authorized thirdparty 28, or any combination of the above named parties. Authorized **third - parties** 28 optionally register identification credentials with the Identifier 12, in order to enable the Identifier 12 to authenticate to a specific user that their electronic transmission has been correctly executed by the intended **third - party** .  
Examples of authorized **third - party** execution of electronic transmissions

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io include accessing data in **third - party** 28 databases or servers, processing data by **third - party** databases 28 or servers, presenting or displaying data to the user by a **third - party** database 28, or processing of data by the DPC 10. If the **third - party** is a person, the user may register a biometric with the Identifier 12. If the **third - party** is an entity, such as a corporation, it may register a digital certificate with the Identifier 12. **Third - party** digital certificates are available from certifying authorities, and they provide the assurance that the entity with the...

...intranet, the company registers any such BIAs with the Identifier 12, which updates the BIA 16 device **records**. Preferably, the security surrounding the registration of an entity's digital certificates or of the BIA hardware...

...User ID Code is forwarded to the Clearinghouse 14 and it invokes at least one Rule Module **customized** to that user. In the Clearinghouse 14 database, a Rule Module is created that is identified by...user's electronic transmissions to access, process or present electronic data and electronic content stored on various **third - party** 28 Execution Modules 38 or thirdparty 28 databases. This may be desired, for example, when the primary...

...s User ID Code is forwarded to the Clearinghouse io 14 to identify the subordinated user's **customized** Rule Modules 50. As shown in FIG. 4, in a Rule Module 50 designated for the subordinated...the Identifier 12 is used by the Clearinghouse 14 to locate the Rule Modules 50 that are **customized** to that user. As seen in Fig. 1, the Identifier 12 is connected to the Internet 18...

...any of the following: a user bid biometric sample 62 or Pattern Data 54, such as a **personal** identification code ("PIC"). In another embodiment, a **third - party** recipient of an electronic transmission is also identified by the Identifier using any of the following electronic verification means: a **third - party** ID Code, a digital certificate, an Internet protocol ("IP") ...a biometric, a hardware identification number, or any other code, text or number that uniquely identifies the **third - party**. In this way, the Identifier is enabled to provide the user with confirmation that the correct **third - party** received the electronic transmission. Examples include confirming that the correct web site or remote database was accessed by the user, that the correct **third - party** designee received the user's email or instant message, and the like.  
In another embodiment, the Identifier...

...redundant hardware, mirrored databases, and other standard fault tolerant equipment known in the industry. Identification of the **third - party** and the user occurs using different methods, depending on the identification information that is provided by the...

...preferred embodiment, Identifier 12 comprises subsystems that can identify parties from the following information:  
biometric data and **personal** identification code (PIC)  
biometric data alone  
digital identification (digital certificates)  
\* BIA hardware identification code  
Biometric Identification Subsystem...

...in order to find a matching registered biometric sample.  
In another embodiment, other information is present that **assists** the BID

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processor in searching the database. For finger images, this includes information such as the classification...

...often more accurate if multiple biometrics are used. This includes the same type of biometrics from an **individual** such as fingerprint samples from different fingers, or different types of biometric samples such as a finger their biometric and **personal** identification codes. Preferably, the database of parties identifiable from biometric-PIC combinations is distributed equally across all...

...preferred embodiment, the Digital Identification subsystem comprises multiple processors, each of which is capable of identifying a **third - party** from their digital certificates. In this embodiment, digital certificates are used to perform digital identification of a **third - party**. Preferably, these include corporate web site addresses and certifying authorities only. Where possible, computers provide digital io ...

...industry.

BIA Hardware Identification Subsystem (BH1)

In a preferred embodiment, BIA hardware identification codes are translated into **third - party** identification by the BHI subsystem. This subsystem maintains a list of all BIAs manufactured. Preferably, when a ...

...another embodiment, the BIA hardware identification code does not serve to identify either the user or a **third - party**. This is the case in BIAs installed in public venues such as airport terminals, Automated Teller Machines...least one Rule Module 50 which is indexed specifically to one or more registered users (hence, "user- **customized** "). Therefore, the Rule Modules 50 are optionally not unique or exclusive to a single user. The Clearinghouse...

...50, and their software components, and to refine and improve execution of electronic transmissions according to user- **customized** preferences and on-line activity patterns. Each of these Rule Modules 50 is composed of at least...

...which is associated with or electronically linked to at least one Execution Command. As defined herein, user- **customizedity** does not necessarily mean that any Pattern Data 54 or the Execution Command 52 is unique to...

...users, and hence would not be unique to any one user. The Clearinghouse 14 optionally stores user- **customized** Pattern Data 54 that is unassociated with any user- **customized** Execution Commands 52 and optionally stores user- **customized** Execution Commands 52 that are not associated with any user- **customized** Pattern Data 54. Therefore, such unassociated Pattern Data 54 or Execution Commands 52 are optionally stored within...

...code, the BIA 16 location data and the electronic transmission request, and searches among the user's **customized** Rule Module to invoke all of the Pattern Data 54 relevant to the electronic transmission being undertaken...

...Execution Command 52 for that Pattern Data 54 is provided by the Clearinghouse 14 or an authorized **third - party**, or the Pattern Data 54 provided by the Clearinghouse 14 and the Execution Command 52 by an authorized **third - party** 28, to form a single Rule Module 50. Pattern Data 54 of a user is stored electronic data, which is **customized** to at

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least one user. A single Pattern Data 54 includes any of the following stored user customized electronic data: a **personal** identification code, which is optionally alphanumeric; demographic information; an email address; a BIA hardware identification code; a **financial** account; the user's date of birth; a secondary biometric; a nonfinancial data repository account; a telephone...

...a network credential; an Internet protocol address; a digital signature; an encryption key; an instant messaging address; **personal medical records** ; an electronic audio signature; and an electronic visual signature. Although a User ID Code is optionally used...

...54 may be provided to the Clearinghouse 14 by: the user, the Clearinghouse 14, or an authorized **third - party** 28. Execution Commands (ECs)  
The Execution Cominands 52 executed by the Execution Module 38 transmits electronic messages...

...of electronic data or content. Such transmissions include invoking a user's membership or eligibility for accessing **insurance** benefits (health, automobile, home, life, etc.), accessing travel service club benefits, accessing entertainment or travel event admittance...

...processing or displaying stored database content. Such content includes word-processing files, spreadsheet files, software code, graphics **files** , audio **files** , **medical records** ; activation and invocation of a user's privileges for accessing, processing, or displaying on-line content-rich...

...is invoked by any Pattern Data 54 with which it is associated. Execution Commands 52 are user- **customized** instructions or cominands which include Execution Commands 52 governing data access privileges, Execution Commands 52 governing data the user, the Clearinghouse 14, or an authorized **third - party** . There are several embodiments of user- **customized** Execution Commands 52 io that govern access to electronic data such as web sites, web site content...

...5 command that provides an authorized user access to any secured electronic data, such as those on **third - party** 28 databases. Invoking this Execution Command 52 enables the user to simultaneously access all Internet chat or...

...web sites and on-line database content to which the user has authorization. In another embodiment, the **third - party** being 28 contacted by the user for 2o data access is also identified by the Identicator using public/ **private** key cryptography. Once the **third - party** is successfully identified by the Identicator, this invokes a Rule Module in the Clearinghouse which is unique to this **third - party** and which is used to confirms to the user that the correct **third - party** database was accessed. In another embodiment, the Universal Access Command is an Execution Command 52 that activates...

...access Internet terminal, an automobile or household appliance that is connected to the Internet, an Internet-connected **personal** digital **assistant** such as a Palm Pilot™, an online photocopy machine, an Intemet-connected digital audio player such as for which they have previously paid. In another embodiment, a **personal** digital **assistant** ,

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such as the Palm Pilot™, incorporates a BIA. When activated after the Identifier has successfully identified the user, the **personal digital assistant** permits the user to download and take on-line academic examinations. In another embodiment, an Internet-connected...

...embodiments of Execution Commands 52 governing electronic transmission access include permitting the user to access their health **insurance** account and validate their benefits to a **health -care provider** prior to being admitted to a hospital, to access their pre-paid entertainment account and validate to...

...Execution Commands 52 governing electronic transmission access include entitling a user to extend an on-line user-**customized** session by repeating their user- **customized** session log-in by entering either their biometric or at least one of their user-**customized** Pattern Data 54 when periodically queried to do so by the Identifier 12 or Clearinghouse 14, to access **customized** 2o radio or television programming, wherein the user can be provided with **customized** programming, with or without time restrictions, that reflects pre-designated preferences, such as a channel broadcasting only...time, and to sit in a pre-proscribed seat, to access on-line position "papers" of user- **customized** political candidates and electoral ballot initiatives, and validate to an authorized **third - party** that the user is eligible to vote in particular elections, such as voting for a particular candidate running from a particular user-**customized** district.

There are several embodiments of user- **customized** Execution Commands 52 governing the processing of electronic data and electronic transmissions. Such Execution Commands 52 can govern: user- **customized** notification preferences for such electronic transmissions as real-time medical updates, pending Internet auctions, electronic stock trades and the like; user- **customized** instructions for userlocation designating, for example, that the user may be located by **third parties** via io whichever BIA 16 the user is using during an indicated time period, whereby the user...

...faxes, and the like in real-time at the particular BIA 16 in use by him; user- **customized** travel **customizations** such as the user's preferences for lodging accommodations, travel costs, food, travel locations, and the like.

Further embodiments of user- **customized** Execution Commands 52 governing the processing of electronic data and electronic transmissions include: usercustomized identity presentation preferences...

...a particular recipients, the user's sending location, and the like, whereby a user's pre-selected **personal** identifier, such as a distinct audio or visual sample, is electronically presented to a **third - party** recipient of the user's electronic transmission; invocation of user-**customized** Internet environment preferences, whereby a user's preferences are used to create a **customized** Internet web portal with the user's preferred search engines, bookmarks, and the like; usercustomized data presentation preferences, whereby the priority, formatting and organization of displaying data is pre-designated by the user; user- **customized** **customization** of Internet search engines, and; user- **customized** **customization** of intelligent data tracking and extrapolating **agents** .

In one embodiment of an Execution Command 52 governing the processing of an electronic transmission, the user- **customized** Internet search engine is **customized** to locate, retrieve and present electronic transmissions for the user using an intelligent tracking and extrapolating **agent** . In one embodiment, the user's **customized** Rule Modules 50 provide instructions that even when the user is not

logged onto a network, the...  
...on the user's previous BIA 16 and on-line usage patterns. As a result, the user- **customized** search engine is automatically and progressively refined and **customized** to the user's evolving preferences and on-line activity patterns as tracked and interpreted by the user's own electronic, automated intelligent **agent**. As an example of the above, the user's intelligent **agent** can direct the user's io search engine to automatically conduct periodic, **customized** on-line data retrievals reflecting user- **customized** priorities for: product or service **promotional** offers or discounts via email or instant messaging; user- **customized** investment updates; usercustomized **medical** or **health information**; competitive product or service pricings across a broad range of on-line merchants; hobby or recreational interests; interactive user- **customized** on-line **advertisements**, wherein product or service providers are permitted to provide unsolicited information to a user based upon certain...  
...wherein a user is automatically notified of upcoming events or activities reflecting their interests.  
Further, the intelligent **agent** can extrapolate from the user's existing preferences and on-line activity patterns to automatically and periodically...  
...expand or delete the user's Pattern Data 54 and Execution Commands 52 based upon the intelligent **agent**'s algorithmic projection of what the user's on-line preferences and activities will be in the future.  
In another embodiment, an Execution Command 52:ftmctioning as an intelligent tracking and extrapolating **agent** centrally integrates data on the user's Internet browsing to provide user- **customized** recommendations on new products and services available from any number of Internet web sites or Internet merchants...  
...are pre-selected based on the Execution Command 52 having automatically conducted competitive price-comparisons from various **third - party** databases. In another embodiment, an Execution Command 52 integrates usercustomized data from a user's calendaring or scheduling software program to provide the user with **customized** recommendations on user- **customized** offering for products, services or upcoming events based on the user's pre-scheduled activities in their online calendar.  
In another embodiment, an Execution Command 52 appends a **customized**, user- **customized** audio or visual identifier which accompanies an electronic transmission for presentation to the recipient. This identifier is appended to the user's io electronic transmission as a form of "electronic **personal** signature" to readily notify the recipient that the authenticated user sent the message. This identifier may be...  
...may be a non-biometric, distinct graphical or audio sample selected by the user to reflect their **personal** preferences, such as a cartoon image or a favorite sound or audio tone.  
In another embodiment where...  
...to an electronic transmission, the user stores at least one command to sign electronic documents using their **private** keys, which are themselves centrally stored on an Clearinghouse 14 server. As such, the user's **private** keys are invoked as a header for the user's electronic transmission which, in combination with the...time, an authorized recipient can use the user's public key from the DPC 10 or a **third - party** certifier to verify the authenticity of the sender and the electronic document's contents to yield a secure, authenticated electronic transmission. In this way, users do not have to manage their

own **private** keys, nor do they have to retain physical possession of their digital certificates via smart cards or **personal** computers with resident user- **customized** data. In one embodiment, public keys of a particular certifying authority are initially stored in the BIA...

...of construction.

In another embodiment, an Execution Command 52 governs the processing of an on-line, user- **customized** calendaring program or Internet calendaring web site, wherein the user's on-line scheduling calendar is automatically updated by the usercustomized search engine and the user- **customized** intelligent search and tracking **agent** based upon user- **customized** Pattern Data 54. This could include, but would not be limited to, automatically updating the user's on-line calendar based on upcoming: user- **customized** entertainment events, user- **customized** business seminars, usercustomized airline discounts to the user's preferred destinations, user- **customized** candidate and elections bulletins, and the like.

In another embodiment, the user pre-designates Execution Commands 52...

...or download.

In another embodiment, an Execution Command 52 provided to the Clearinghouse 14 by an authorized **third - party**, such as a user's employer, governs the processing and prioritization of electronic transmissions to the user...

...are automatically "pushed" to the user during a particular on-line session, as predetermined by the authorized **third - party**, in order to pro-actively circumscribe the

content which a particular user is permitted to view or download  
Embodiments of user- **customized** Execution Commands 52 governing the display or presentation of electronic transmissions include controlling the organization and prioritization...prioritization order, wherein usercustomized regional news may be presented prior to national or international news, displaying expenditure **records** in user- **customized** categories which reflect anticipated tax deduction categories, such as home improvement expenses, charitable contributions, and the like, displaying **customized** user- **customized** **Internet** web sites io or portals, including the user's pre-designated bookmarks, preferred web links, calendaring programs, email mail addressing rosters, multiple email accounts with their accompanying inbox messages, user- **customized** instant messaging "buddy" lists.

Other embodiments of user- **customized** Execution Commands 52 governing the display or presentation of **electronic** transmissions include: displaying accrued user- **customized** consumer **rewards incentives** or **customized on - line advertising** according to a user's prescribed priorities, such that skiing apparel is presented to the user at a time based on their calendaring **program**'s designating their scheduled winter vacation or such that an **advertisement** for new coffee flavors from the user's preferred vendor is presented during the user's morning log-on session; displaying the user's **customized fitness program** on an **Internet** -connected exercise machine, whereby the user is reminded of the number of repetitions the user performed at...

...user, and where the subordinated user is prohibited from purchasing cigarettes, is limited in their selection of **on - line** merchants, is limited in the amount of **on - line** session time the user is permitted to have in a single day, and the like Preferably, each...

...mirrored databases, and other standard fault tolerant equipment known in the industry.

i o Rule Modules and **Electronic** Transmissions

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A specific embodiment of how Pattern Data 54 is used in conjunction with Execution Commands 52...able to geographically and electronically locate the user via either the BIA hardware identification code, or the **Internet** Protocol (IP) Address (well known in the art). Once the user logs on to the BIA 16...

...10 forwards the user's Universal Access Command to the BIA. The Universal Access Command identifies all **third - party** Execution Modules 38 and databases 28, along with the **third party's Internet** locations, denoted as IP Addresses or Uniform Resource Locators (URLs) and the like, to which the user has access privileges. In an embodiment, the DPC 10 forwards to the kiosk 60 a user- **customized** display, presenting visual icons representing URLs for viewing by the user via the kiosk screen. In this...

...icons are presented to the user: a "Calendaring" icon, representing the user's centralized scheduling programs and **customized** scheduling; a "Messaging" icon, representing the user's centralized **Internet** accounts for email, voicemail, and fax; an "Academics" icon, representing the user's **private** academic coursework examinations account; a "Medical" icon, representing the user's centralized **private health and medical records**; a "Reading" icon, representing the user's centralized **electronic** books accounts; a "Games" icon, representing the user's centralized **Internet** game accounts; a "Word Processing" icon, representing the user's centralized accounts for word processing programs and user-edited content, and; a "Buddy List" icon, representing the user's centralized instant **electronic** messaging accounts.

The DPC 10 forwards to the BIA 16 a unique, one-time usage Random Key Number (RKN), optionally one for each and every one of said **third - party** database 28 **Internet** locations which are relevant to the user. The BIA 16 will store the Random Key Number in...

...number. The BIA 16 decrypts the Random Key Number and forwards it to the kiosk. At this **point**, the kiosk is permitted to display or present all such URLs for the user as text or preferably...

...have previously designated his Rule Modules 50 in the Clearinghouse 14 to display any or all such **third - party** database 28 locations in a grouped manner. In this embodiment, for example, the user's Rule Modules and seeks to log into a particular URL **third - party** database, or to all of the URL **third - party** databases 28 represented by that icon, the kiosk 60 or the DPC 10 sends the Random Key Numbers to all of the respective URLs designated by the icon, along with the user's **electronic** transmission request. Execution Modules 38 located at each of these URLs query the DPC 10 to validate...

...38 pertinent to all of the user's relevant URL account number and access privileges for that **third - party** database. The DPC 10 provides this data to the URL, along with validation of the Random...

...automatically permitted by each of the respective URL Execution Modules 38 to access that URL and its **third - party** databases. Also in this embodiment, the user's Rule Modules 50 specify that the BIA 16 location may be used by the Clearinghouse 14 to enable the Clearinghouse 14 to automatically **customize** certain **electronic** transmissions for the user in real-time. For example, in this embodiment, the user clicks on the...

...kiosk requests the DPC 10 to access the user's Rule Module in the Clearinghouse 14 governing **customized** scheduling data. The relevant Rule Module 50 uses the BIA's location along with the user's Rule Modules 50 to access **third - party** Execution Modules 38 and databases 28 that optionally forward to the kiosk user- **customized**,



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geographically-specific scheduling data for presentation to the user. Such scheduling data includes where in the local...

- ...films, theatres, museums, business events, companies in which the user might be interested, book readings, university lectures, **friends** whom the user may want to contact, and local sales calls the user may wish to make...
- ...locality in which the user finds himself using a BIA, with the scheduling data automatically reflecting their **customized**, **personal** priorities. In this embodiment, the user's Rule Modules 50 stipulate that even when the user is...
- ...time. Further, in this embodiment, the user on the "Messaging" icon to access all of their email, **Internet** fax and **Internet** voicemail messaging accounts. The "Messaging" icon, represents all of the ...get" message command for each URL, thereby enabling the DPC 10 to retrieve all of their email, **Internet** voicemail and **Internet** fax account messages at once. (Note that 2o HTTP is the protocol currently used to transfer information from **Internet** **third - party** databases 28 to client browsers.) These messages are the Pull Data retrieved by the DPC. The DPC...
- ...to the DPC 10 which places dial-up calls to the relevant voicemail systems in order to **record** and digitize the voicemail message playbacks. The DPC 10 forwards these messages to the kiosk for presentation...
- ...automatically presents the user with an "Academics" icon for notification that they must complete their university's **on - line** coursework examination. In this embodiment, the DPC 10 provides the BIA 16 with a packet containing the...
- ...display to the user. The io user clicks on the displayed icon representing the URL for the **third - party** Execution Module 3 8 and databases at which resides the examination for which the user has pre...
- ...the validity of the Random Key Number to the URL, the user is enabled to access the **third party** database and take their electronically stored course exam. Preferably for security, this particular Random Key Number would be good for only one **on - line** session by the user with the relevant **third - party** database, in this case being the university server on which is stored the course examination. In this embodiment, the user also clicks on the "Medical" icon - to access their **private health records** in order to check on medical tests which their **physician** had completed that morning, along with accessing a **customized** collection of current medical news. Preferably, while the user was logged off, the user's relevant Rule Module automatically and periodically directed the Execution Module 38 to collect this data from **third - party** databases 28. In this instance, the DPC 10 provides the BIA 16 with a packet containing the Universal Access Command, the Random Key Number, and any other relevant user-unique network credentials for each **third party** database 28 containing the user's **medical records** and **health** news updates. The BIA 16 decrypts this package and forwards the data to the kiosk for display to the user. 3o The displayed "Medical" icon represents the URLs of the respective **third - parties** ' Execution Modules 38 and databases at which resides the user's **customized medical information**. The kiosk forwards a Random Key Number to each of said URLs, and the

## Search report

respective Execution Modules...

- ...provided by the DPC 10 to the respective URL, the user is enabled to access the respective **third party** database for presentation of the user's **private** medical data. Additionally, in this embodiment, the user clicks on the "Reading" icon to access **third - party** databases 28 storing certain **electronic** books for which the user has pre-paid, some of which are a **customized** selection of books related to the user's io coursework and some of which are a **customized** selection of new best sellers. Preferably, while the user was logged-off, these **customized** book selections were automatically and periodically collected from **third - party** databases 28 by the Clearinghouse 14 based on the user's Rule Module to reflect the user...
- ...the Universal Access Command, the Random Key Number, and any other relevant user-unique network credentials for each **third party** database containing the **electronic** books for which the user has pre-paid. The BIA 16 decrypts this package and forwards the...
- ...the kiosk for display to the user. The displayed "Reading" icon represents the URLs of the respective **third - parties** ' Execution Modules 38 and 2o databases at which resides the user's **customized** selection of books. The kiosk forwards a Random Key Number to each of said URLs, and the...
- ...provided by the DPC 10 to the respective URL, the user is enabled to access the respective **third party** database for presentation of the user's **electronic** books' content. In this embodiment, the user downloads the **electronic** books to a hand-held display panel, such as the RocketeBookTm. In this embodiment, the user also clicks on the "Games" icon to access an interactive **Internet** game site. However, as this user is actually a subordinated user on their parents' primary user accounts, the user's related Rule Modules 50 are subordinated to their parents' **Internet** access filtering Rule Modules 50 which restrict the user's viewing and use of **Internet** games when the user is not at home. In this case, the location of the BIA 16 notifies the DPC 10 that the user is attempting **Internet** game access from a public kiosk away from home, and the DPC 10 automatically responds with notification that user access to **Internet** games is denied. Further, the user in this embodiment clicks on the "Word Processing" icon to access...
- ...Universal Access Command, the Random Key Number, and any other relevant user-unique network credentials for the **third party** database containing the user's word processing programs and word processing content. The BIA 16 decrypts this...
- ...the kiosk for display to the user. The displayed "Word Processing" icon represents the URL of the **third - party** Execution Module 38 and database at which resides the user's word processing software and content. The...
- ...s validation to the URL of the Random Key Number, the user enabled to access the respective **third party** database for editing of the user's word processing content. It should be noted that for preferred security, this particular Random Key 2o Number would be good for only one **on - line** session by the user with this **third - party** database. In this embodiment, the user also clicks on the "Buddy List" icon to access their instant **electronic** messaging accounts. In this instance, the BIA 16 is automatically provided by the DPC 10 with a...
- ...Universal Access Command, the Random Key Number, and any other relevant user-unique network credentials for each **third party** database

containing the instant **electronic** messaging accounts to which the user belongs. The BIA 16 decrypts this package and forwards the data...

...kiosk for display to the user. The displayed "Buddy List" icon represents the URLs of the respective **third - parties** ' Execution Modules 38 and 30 databases at which reside the user's instant **electronic** messaging accounts. The kiosk forwards a Random Key Number to each of said URLs, and the respective...provided by the DPC 10 to the respective URL, the user is enabled to access the respective **third party** database for instant messaging with any other **on - line** members of his buddy list. In this embodiment, the user's Rule Modules 50 governing the sending of instant messages by user instruct that these messages are automatically appended with both his **personal** visual trademark icon and **digital** certificate, both of which are stored in the Clearinghouse. This provides both user- **customized** visually graphical and

io cryptographically secure confirmation to recipients that the instant messages are authentically from the user. In essence, a public kiosk without resident user- **customized** data and without extensive resident software, has been automatically and nearly instantly transformed, via a user's biometric log-on, into a terminal receiving **on - line** sophisticated computing capabilities that are **customized** for the user, complete with usercustomized **electronic** transmission accessing, processing and presentation. The user has been able to personalize: their own **Internet** web portal displaying all URLs with which the user has pre-registered for access privileges; topical recommendations for local activities, events and people that reflect their priorities; their **Internet** web site preferences, or "bookmarks"; and temporary DPC 10 downloading to the BIA 16 for RAM storage of their **Internet** "cookies", or that set of data that an **Internet** website server provides to a user each time the user visits the website. In this invention, the...

...user, on any terminal equipped with a BIA 16 that the user may be using, a user- **customized** gateway to the **Internet** 18 containing their desired bookmarks, their personalized search engine and their **customized** web page directory. This is the user's **personal Internet** 18 web page portal" which is a starting **point** for their **electronic** transmissions, including **electronic** mail, **Internet** 18 web browsing or "surfing", and the like. In all of these **electronic** transmissions, this invention provides the user the ability, with only a single log-on, to automatically enter all restricted or confidential **third - party** databases 28 throughout the **Internet** 18 to which the user has preauthorized access privileges. Once the user time the user has completed their **Internet** 18 usage of the BIA 16 for this **on - line** session, all of the data stream from their **on - line** session, including all new cookies provided by **third parties** on behalf of the user and all new data on io their browsing activity, is batched and...

...and revising of the user's Rule Modules 50 within the Clearinghouse. Alternatively, the user's session **on - line** data stream could be monitored in real-time by the ...for central server downloads and real-time revisions to the user's Rule Modules 50. Interconnections and **Communications** between the **Electronic** Identifier and Rule Module Clearinghouse  
In one embodiment, the Identifier 12 module is physically distinct and separate...

...and Clearinghouse 14 are physically interconnected and integrated together within one server or module. In both embodiments, **communications** between the Identifier and the Clearinghouse 14 occur via many different methods and means that are well known in the art. Most

## Search report

depend on the particular **communication** networks already deployed by the organization or company that deploys the **electronic** transmission authorization system.

In one embodiment the, the Identicator and the Clearinghouse 14 are connected via Ethernet...

...over this network. In another embodiment, the Identicator and the Clearinghouse 14 are connected via a cellular **digital** packet data (CDPD) modem to a CDPD provider, who provides TCP/IP connectivity from the Identicator to...

...at least one Clearinghouse 14 is attached. In yet another embodiment, an Identicator is connected via the **Internet**, as is at least one Clearinghouse. TCP/IP is used to transmit messages from between the Identicator...

...are well understood in the industry, such as cable TV networks, cellular telephone networks, telephone networks, the **Internet**, an io intranet, a LAN, a WAN, or an X.25 network.

The Identicator compares a user...

...known in the art, such as those available from OracleTM, Sybase TM, InfonnixTm and the like. 2o **Electronic** Identicator and Rule Module Clearinghouse: Master Servers and Local Servers

In certain embodiments, a master Identicator is responsible for storage of the entire set of biometric samples and **digital** certificates registered for use with this invention. The master Clearinghouse 14 is responsible for storage of the samples and **digital** certificates registered for use with this invention. Local Clearinghouse 14 servers store subsets of the entire set...

...any number of criteria including, usage location, usage frequency, usage recency, usage demographics and usage volume of **electronic** transmissions. Furthermore, each master and local server site has electrical power backup and multiple redundancy in all...

...systems. It is preferred that the master servers have a firewall 40 machine which is the entry **point** of data and messages into these computers, and a gateway machine which is a system coordinator and...

...or Clearinghouse 14 contains a subset of the parties contained within the master Identicator or Clearinghouse. Data **communications** lines allow **electronic** transmissions to flow between each local Identicator or Clearinghouse 14 and the master Identicator or Clearinghouse. In this embodiment, identification request **electronic** transmissions are first sent to the local Identicator or Clearinghouse 14 for processing. If a party cannot be ...

...the local Identicator or if the requisite Rule Module is not contained in the local Clearinghouse, the **electronic** transmission is forwarded to the master Identicator or Clearinghouse. If the parties are identified properly by the master Identicator or if the requisite Rule Module is located in the master Clearinghouse, the **electronic** transmission is processed appropriately. In addition, the user's identity information can be transmitted from the master...

...a use-sensitive system, the system further comprises a purge engine for deleting a party's user- **customized** information from the io local Identicator and Clearinghouse 14 databases. In order to store only **records** for those parties who use the system

## Search report

more than a prescribed frequency and prevent the overload of databases with **records** from parties who use the system only occasionally, the **record** of a party is deleted from the local Identifier and Clearinghouse 14 databases if there has been no attempt to identify the party upon expiration of a predetermined time limit. In order to make **communications** between the master servers and the local servers secure, the system further comprises encryption and decryption means, wherein **communications** between the master servers and local servers are encrypted.

### 2o Third - Party Computers

...one embodiment, an Execution Command 52 optionally requires the Clearinghouse 14 and the Execution Module 38 to **communicate** with at least one **third - party** 28 computer or database to conduct the user's command. For example, when the Execution Module 38 **communicates** with a host server located within an educational institution, where the **third - party** database 28 stores **research** data which is accessed in order to complete the user's Execution Command 52.

Decryption Module

In...

...table. If the decryption operation fails, or if the MAC check fails, the message is considered an **invalid** message. The Decryption Module 22 logs a warning to the logging facility (U), terminates processing for the...

...Gateway Module 26 serves as an intermediary between redundant Identifier 12 and redundant Clearinghouse 14 servers, routing **electronic** transmissions from servers on overload to servers that have available capacity. The Gateway Module 26 also periodically...

29/5,K/15 (Item 15 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00781876

### SEARCH TOOL, SYSTEM AND METHOD

### PROCEDE, SYSTEME ET OUTIL DE RECHERCHE

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Detailed Description

## Search report

### Claims

Fulltext Word Count: 6791

### English Abstract

A search tool for a medical application is configured to be operable on a computer system including a display and to provide access to a management system including at least one case file. The search tool displays a search selector on the display. It includes a search definition generator operable to respond to user selection of the search selector in association with a case file to compile a search definition for transmission to a remote search engine, the search definition comprising a set of selected information from the case file. By automatically incorporating case related information, more highly targeted information can be returned for a given query increasing the effectiveness of the search tool. The search engine is able to process the information to generate targeted queries based on the information supplied. The information can be packaged in XML format, providing for easy transport and processing, using a wide variety of platforms and browsers.

### French Abstract

L'invention porte sur un outil de recherche pour application medicale qui est configure pour fonctionner sur un systeme informatique comprenant un affichage et acceder a un systeme de gestion comprenant au moins un dossier. L'outil de recherche affiche un selecteur de recherche sur l'ecran. Il comprend un generateur de definitions de recherche capable de repondre a la selection de l'utilisateur de chaque selecteur en association avec un dossier afin de compiler une definition de recherche et la transmettre a un moteur de recherche a distance, cette definition de recherche comprenant un ensemble d'informations selectionnees provenant du dossier. En incorporant automatiquement des informations relatives au dossier, davantage d'informations hautement cibles peuvent etre renvoyees pour une consultation donnee, ce qui augmente l'efficacite de l'outil de recherche. Le moteur de recherche est capable de traiter des informations pour generer des consultations cibles sur la base des informations fournies. Les informations peuvent etre mises sous format XML, assurant une facilite de traitement et de transport au moyen d'une grande variete de plates-formes et de navigateurs.

### Legal Status (Type, Date, Text)

Publication 20010301 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010712 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-017/30**

Fulltext Availability:

Claims

### Claim

... to Figure 6 and 7 of the use of the system described above to provide automated and **targeted** search queries. Figure 6 is a flow diagram illustrating steps performed by the software 90 operable at...

...above. As an alternative to the provision of tables, the information groupings could be specified by **program** code responsive to the basic query request and additional arguments, if provided, as inputs. The **program** code could be defined, for example as objects where an object-based language is used. Other conventional **programming** techniques, for example linked lists, **relational** databases, hypertext links, etc. could be used instead. The resulting query text file will include appropriate information...

## Search report

...for example, the sex and age of the patient as well as information relating to the symptoms, **history** and relevant prior treatment information for the case at hand. In addition, information from the PMS relating...40 of Figure 1. Where user data is also captured, this can be used, for example, to **target** the search engine to be used for the search. Accordingly, a query for a **physician** might use a different search engine than one for a **research** worker. An example of an XML document for forming a search query for transmission to the server...

...s own data standards directly in the XML document. If required, PICS labels could be used to **digital** sign the content by the author so that only attested **medical information** which has not been altered is displayed. PICS labels are a standard related to restricting information that...

...i.e. an XML document containing the information from the search query file) is received by the **communications** interface 114. - 12 In step S32, the XML document query is then processed by a server side...

...query could be derived by initially combining the information for all XML tags, for example, information like **patient** gender, year of birth, diagnosis codes etc. In the XML tags form the query by combining all...

...be tagged in a manner that assigns values to several search tags and thereby permits even more **targeted** searching. The queries could be defined against real productive population databases, where non-nally such content would be medical publications, and knowledge databases. As a part of the search process at the search engine, **targeted advertising** information could be returned with the search results in a manner that is becoming common-place on many search engines. allowing companies to **advertise** directly based on the query. Similarly, material for **patients** or **physicians** related to the current query or queries could also be returned, for example items for purchase suchTABLE 1

```
<medsearch> v1.0
<physiclan>l</ physician >
<physiclan>l</ physician >
<language>US</language>
< patient >
<height>193</height>
<weight>95</weight>
<gender>m</gender>
<age>95</age>
<diag>
<diagnosis code="ICD I...
```

```
...19990204</date>
<name>Asperin</name>
<ATC>123</ATC>
</rx>
</rxs>
<data>
<zx:pzn>12345</rx:pzn>
</data>
</ patient >
<search>
<keyword>Diabetes</keyword>
<keyword op="AND">HBlac</keyword>
</search>
</medsearch>
```

The various tags identified in Table...

## Search report

- ...the version. The use of a version identifier facilitates flexible or application modification of the XML format. < **Physician** > contains a number code of the speciality (one or more) of the current user. <language> contains one or more languages the **physician** accepts as preferred answer - 15 languages. < **patient** > contains several attribute values for the given **patient** , for example weigh, gender, age, etc. This list can be expanded if changes are required. <diagnosis> contains information about the **patient** 's diagnosis, where code selects a 5 codinor schema such as ICD, Read etc., date specifies a...
- ...tags are allowed with <dlag> being a tag for surrounding the <diagnosis> tags. <rx> defines prescriptions the **patient** has had; each containing the most relevant information. One or more <rx> tags are allowed with <rxs...
- ...using namespaces dedicated for the application using the data. <search> defines the optional search parameters that the **physician** may optionally have selected. Several keywords can be listed and liked via operational attributes to 15 allow...
- ...merged with the query language proposals. This approach allows to information based on several items such as **patient** information, the speciality of the **physician** etc. The XML block is implemented by building an ASCIUnicode text blob. This can be effected irrespective of the data standards, **programming** languages and operating systems used. It is merely necessary to enter data in XML format in the...
- ...DOS-based system by issuing a Shell-Command with the query as a URL-Link such as [www .medicalsearcher.com?<xml-blob>](http://www.medicalsearcher.com?<xml-blob>), where medicalsearcher.com is the search engine server address. This would result (even...
- ...also use this - 16 approach as they can be arranged to launch a browser with the correct **target** URL. In order to compress the data, the XML document can be a base64 encoded string derived...
- ...selected users only by providing responses to queries only when a password match is found. As no **patient** information needs to be transported, privacy should not be an issue. However, if a service provider wishes...
- ...and a conventional search engine such as Altavista to get query results from such documents via the **world wide web** , and thus provide a sort of meta-search engine. Thus, there has been described a search tool...
- ...a set of selected information from the case file. By automatically incorporating case related information, more highly **targeted** information can be returned for a given query increasing the effectiveness of the search tool. The search engine is able to process the information to generate **targeted** queries based on the information supplied. The information can be packaged in XML for-mat, providing for ...
- ...using a wide variety of platforms and browsers. Various aspects of the aforementioned system relate to computer **program** products for implementing the form handling system and the source, destination and repository stations. Such computer **program** products can be provided on a suitable carrier medium, for example a data storage medium such as...



Search report

DIALOG(R)File 349:PCT FULLTEXT  
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00765277 \*\*Image available\*\*

**METHOD AND APPARATUS FOR INTERNET-BASED ACTIVITY MANAGEMENT**

**PROCEDE ET DISPOSITIF DE GESTION D'ACTIVITES BASEE SUR INTERNET**

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BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK  
SK (utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
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(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
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Main International Patent Class: A61M-001/03

International Patent Class: A61B-005/021; G06F-017/60 ; G06F-015/42;  
G06F-159/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

## Search report

Fulltext Word Count: 9323

### English Abstract

Described are software applications which operate in combination with hardware and use the Internet as a transport to manage medical treatment services. Tasks involved in treating a patient are coordinated by assigning a care treatment plan to each patient. Patient information is first collected from patients, care providers, and other sources. The software then permits a cooperating group to select and create a care treatment plan. By selecting an appropriate care plan template and selecting appropriate care options within that template (7), a care plan specific to the patient's situation can be created which sets forth the care options that typically need to be performed (4). Specific care options and tasks for further treatment can be dependent on the results of prior tests or examinations, or additional information collected from various sources. The software application includes a template instantiation (3) and transaction engine which is able to simultaneously manage the activity templates for thousands of activity instances.

### French Abstract

L'invention concerne une application logicielle operant en combinaison avec un materiel informatique et utilisant Internet en tant que vehicule afin de gerer des services de traitement medical. On coordonne les taches impliquees dans le traitement du patient par affectation d'un plan de soins a chaque patient. On recueille d'abord des informations les concernant aupres de chaque patient, membre du personnel medical ou autres sources. Le logiciel permet ensuite a un groupe cooperant de selectionner et de creer un plan de soins. La selection d'un gabarit approprie de plan de soins et d'une option de traitement adequate a l'interieur de ce gabarit (7) permettent de creer un plan de soins adapte de facon specifique a la situation du patient et soulignant les options de soins devant necessairement etre mises en application (4). Les options de soins specifiques et les taches relatives a la continuation du traitement peuvent dependre des resultats de controles ou d'examens prealables ou d'informations supplementaires recueillies aupres de differentes sources. L'application logicielle comprend une instanciation (3) de gabarit et un moteur de transaction capable de gerer simultanement les gabarits d'activite de milliers d'exemples d'activite.

Legal Status (Type, Date, Text)

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Examination 20010802 Request for preliminary examination prior to end of 19th month from priority date

...International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

### Claim

... said computer system provides said computer system provides said questionnaire via HTML pages.

2 5

I / 18

#### **Patient**

Medical Condition 1 @edical Condition 2 Medical Condition n

Care Plan 1 Care Plan 2 Care Plan...

...platform technologies; Java, JavaScript,, Dynamic HTML, style sheets, et HTTP; HTML, XML

S" T

"Or,

# Search report

eb Server ( **supporting** Active Server Pages (ASP))  
Ellora Web Presentation Layer  
CORBA;HTTP;COM  
Ellora XML object services  
Ellora Business Objects Reporting/integration data  
extractor client  
CORBA  
OV  
Object/ **Relational** Server Reporting/integration data  
extractor server  
77-7 wo., PFF  
ODBC/JDBC  
Se Oracle  
FIG\* 4  
ASP...

...Object Attribute)

(VB Control(s))

.....  
.....

FIG\* 7

ODC

Elements

Element

ODCOCPCDriver

IF

OCP

FIG\* 8

View & Modify **Individual** Care Plans Add to a **patient**

7

Care oudne Choose from a sc

**customized** for)

(1 3-Nov-1 99 Ona ones, usen

(13-Nov-1996)

ov-1 996)

Breast ...care pro @dj Delete Yes I T urnor Kard

Carcliovasculat M Referral

Heart Attack

Sample Catclio I

**Customize** the care templates for

FIG\* 9

Care Oulkw Rec

-to Care Plant

AZT plus ddC Tlwapy (03...

...Will add Nevitapine to cu

maintain strict schedule. He admits having miss

Note 115: James Akerman

Update **patient** care plans ones, Susan 04-Dec-1 997 1:27 PM

Labs relumed today confirmed complete failure...

...Pt to infcxm him about new medication fe

maintain strict adherence to this regimen Susp

pool adherence. **Patient** will pick-Lip piescftiolrl

FIG\* 10

W06 tot WO 4\*M 4 61W

Track the work being...

...on the clinical data colled

Care Ovdom roWr Rem

Biopsy T'Imellness report

## Search report

Can 1111m: Start Date - **AD** rA NW 21.&&, 1970  
At  
+ + ++;  
000 + + +@++  
Days &on MI#ktiment ts bhMIX (wm=)  
Days from tam to...

...the view, or edit care outline, or to currently opened CareCentral and  
Takes you to Reports window, **patient** create a new task, window enables  
the online the New Care Tak  
change a user demographics care...

...help. Plan Window Nev  
password, or exit or notes. plan Opt:  
CareCentral  
Takes you to the  
Select **Patient**  
Window  
Takes you to Tak  
the **Patient** the  
Demographics Takes you to Name and Takes you to the Wit  
Window the New Takes you identification Care Option  
**Patient** to the Notes number of the Takes you to the Summary Window  
Window Window current or selected Care Outline

**patient** Window  
FIG 13  
Add new Folders  
Add new templates  
Add new care options Library  
.Q Associated Data...RenalAngio  
0 ify associated data definition  
FIG \* 18  
Reference Library  
Eh Associated Data  
It Care Options  
El **Care** Templates  
ID **Reports** edufe  
ID Tasks  
Site Library  
[h Associated Data eted Date  
Biopsy complication  
ffl Care Options  
I Do...

...Tasks  
Reason  
result  
FIG 19  
INTERNATIONAL SEARCH REPORT international application No.  
PCT/USOO/16973  
A. CLASSIFICATION OF **SUBJECT** MATTER  
IPC(7) :Please See Extra Sheet.  
US CL :604/65; 395/209; 128/897, 732; 705...

...of second sheet) (July 1998)\*  
INTERNATIONAL SEARCH REPORT International application No.  
PCT/USOO/16973  
A. CLASSIFICATION OF **SUBJECT** MATTER:

Search report

29/5,K/17 (Item 17 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00765096

**METHOD AND APPARATUS FOR AUTOMATICALLY ALLOCATING STAFFING  
PROCEDE ET DISPOSITIF D'AFFECTATION AUTOMATIQUE DE PERSONNEL**

Patent Applicant/Assignee:

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95060, US, US (Residence), US (Nationality)

Inventor(s):

O'KEEFE Kelly Ray, 836 Jewell Avenue, Pacific Grove, CA 93950, US,

Legal Representative:

JAKOPIN David A (et al) (agent), Pillsbury Winthrop LLP, 1100 New York  
Avenue, N.W., Washington, DC 20005, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200077665 A2 20001221 (WO 0077665)

Application: WO 2000US16032 20000609 (PCT/WO US0016032)

Priority Application: US 99330920 19990611

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 19278

English Abstract

French Abstract

La presente invention concerne un procede utilisant un ordinateur pour determiner la quantite de personnel necessaire a une population de patients donnee. L'ordinateur fonctionne sur la base de donnees relatives a de nombreuses caracteristiques concernant ces patients, telles que l'age, le sexe, la pathologie physique, etc. Il fonctionne egalement sur la base de donnees relatives a une population representative d'anciens patients presentant des caracteristiques similaires, et sur la base de donnees concernant les ressources affectees a cette population d'anciens patients, telles que les niveaux de personnel requis pour la prise en charge de cette population d'anciens patients. En se fondant sur les caracteristiques de ces anciens patients et sur l'affectation de ressources correspondante, on cree des modeles decrivant la correlation entre cette population d'anciens patients et l'affectation des ressources. Par la suite, on utilise ces modeles afin de determiner les niveaux de personnel requis pour une prise en charge adequate d'une population de patients donnee.

Legal Status (Type, Date, Text)

Publication 20001221 A2 Without international search report and to be  
republished upon receipt of that report.

Examination 20010607 Request for preliminary examination prior to end of  
19th month from priority date

## Search report

Declaration 20011115 Late publication under Article 17.2a  
Republication 20011115 A2 With declaration under Article 17(2)(a); without  
abstract; title not checked by the International  
Searching Authority.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... understanding the system implemented by the preferred embodiment of  
the present invention.

In the hospital environment, the **patient** can be viewed as requiring  
various different staff to allocate different amounts of time (workload)  
to the **patient** in order to properly administer care to the **patient** .  
Since **records** are conventionally kept on each **patient** , the present  
inventors have determined it useful to view the **patient** as requiring a  
certain workload from various different staff of the hospital, such as  
**doctors** , **nurses** , clerical, phlebotomist, lab tech, etc. Associated  
with each of these different staff are workload units, or workunits,  
required to care for the **patient** . The workload units may be broken down  
into skill levels, such as nursing, clerical, phlebotomist, lab tech...

...Nursing Unit C Physical Therapy

Pediatrics Occupational Therapy

MentalCare Unit

OB/GYN Hand Rehabilitation Center

Level II **Nursery** Pain Management

Rehabilitation Center Rehab Home Health Center

Labor and Delivery Communication Disorder Center

Surgery Emergency Services

Endoscopy ER Registration

Recovery Room Urgent Care

Oncology Out **Patient** Services MM Scan Occupational Health

Sterile Processing Checkup Center Program

Central Distribution CT Scan

Clinical Lab Cardiac...

...Security

Technician Housekeeping

Technologist Hospitality Services

Supervision Plant Maintenance

Blood Bank Biomedical Maintenance

Technician General Accounting

Technologist **Patient** Accounting

Supervision Information Services

Hematology

Technician Admitting

Technologist Administration

Supervision **Patient** **Relations**

Urinalysis Outreach Services

Technician

Technologist Public **Relations**

Supervision Employee **Assistance**

Computer Services Volunteer Services

Administration

Pathology Medical Library

Pulmonary Function **Medical** **Records**

EKG Utilization Review

EEG Transcription

Search report

Radiology Medical Staff Director  
Ultrasound Nursing Administration  
Nuclear Medicine  
Pharmacy  
The cost...

...for the clinical laboratory. Thus the workload units collected and predicted may be total workload for the **patient**, the clinical laboratory workload, the microbiology workload, or the microbiology technician workload, in increasing level of detail...

29/5,K/18 (Item 18 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00753240 \*\*Image available\*\*

**A METHOD, SYSTEM AND NETWORK FOR COORDINATING THE COMMUNICATION OF DATA FOR A HEALTH-RELATED TRANSACTION**

**PROCEDE, SYSTEME ET RESEAU PERMETTANT DE COORDONNER LA COMMUNICATION DE DONNEES POUR UNE TRANSACTION LIEE A LA SANTE**

Patent Applicant/Inventor:

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US (Nationality)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200066367 A1 20001109 (WO 0066367)

Application: WO 2000US12331 20000504 (PCT/WO US0012331)

Priority Application: US 99132499 19990504

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: B42D-001/10

International Patent Class: G06F-007/00; **G06F-017/60** ; G06F-159/00;  
H04L-012/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 23292

English Abstract

A method, system and network for coordinating the communication of data in a health network, and between the health network and a banking network, for a health-related transaction. In accordance with the present invention, a processor (100) creates and maintains an electronic record of a health-related transaction by providing or transmitting an original transaction authorization or transaction denial for that health-related transaction. All activity for that health-related transaction is electronically linked via the electronic record to the original transaction authorization or transaction denial. The present invention makes all data and activity for the health-related transaction available to parties to that transaction, in real-time. The present invention also

## Search report

provides for line-by-line reconciliation between and among the insurance provider, a health care provider (60), an insured (90), and a financial services provider. The present invention further provides for secure transmission of clinical or other sensitive patient (insured) (90) data between health care providers (60) and other participants of the health network.

### French Abstract

L'invention concerne un procede, un systeme et un reseau pour coordonner la communication de donnees dans un reseau de sante, et entre ce reseau de sante et un reseau bancaire pour assurer une transaction liee a la sante. Selon la presente invention, un processeur (100) cree et gere le suivi de l'enregistrement electronique d'une transaction liee a la sante en fournissant ou en transmettant une autorisation de transaction initiale ou un refus de transaction pour cette transaction liee a la sante. Toutes les activites necessaires a cette transaction sont reliees, par voie electronique, via l'enregistrement electronique, a l'autorisation de transaction initiale ou au refus de transaction. Selon la presente invention, il est possible de mettre a disposition, en temps reel, pour les parties de cette transaction, toutes les donnees et les actions requises pour assurer cette transaction. La presente invention traite egalement d'une conciliation proportionnelle entre l'assureur, le fournisseur de soins de sante (60), un assure (90) et un prestataire de services financiers. La presente invention assure la transmission securisee de donnees cliniques ou d'autres donnees importantes du patient (ou de l'assure) (90) entre les fournisseurs de soins de sante (60) et les autres participants du reseau sante.

### Legal Status (Type, Date, Text)

Publication 20001109 A1 With international search report.

Publication 20001109 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20010322 Request for preliminary examination prior to end of 19th month from priority date

...International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

### Detailed Description

... electronic record

for financial data in accordance with the present invention;

FIG. 8 depicts a sample activity report for a health care provider in accordance with

the present invention;

FIG. 9 depicts a sample activity report for a patient in accordance with the present invention; and

FIG. 10 is a block diagram of an exemplary computing...

29/5,K/19 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00751191

GENE DISCOVERY THROUGH COMPARISONS OF NETWORKS OF STRUCTURAL AND FUNCTIONAL RELATIONSHIPS AMONG KNOWN GENES AND PROTEINS

DECOUVERTE DE GENES PAR COMPARAISON DE RESEAUX DE RELATIONS STRUCTURELLES ET FONCTIONNELLES ENTRE PROTEINES ET GENES CONNUS



## Search report

### Patent Applicant/Assignee:

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### Legal Representative:

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### Patent and Priority Information (Country, Number, Date):

Patent: WO 200063687 A1 20001026 (WO 0063687)  
Application: WO 2000US10302 20000414 (PCT/WO US0010302)  
Priority Application: US 99129469 19990415; US 99327983 19990608

### Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G01N-031/00

International Patent Class: G06F-015/00; **G06F-017/00**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 180118

### English Abstract

The present invention relates to methods for identifying novel genes comprising: (i) generating one or more specialized databases containing information on gene/protein structure, function and/or regulatory interactions; and (ii) searching the specialized databases for homology or for a particular motif and thereby identifying a putative novel gene of interest. The invention may further comprise performing simulation and hypothesis testing to identify or confirm that the putative gene is a novel gene of interest. The present invention also relates to natural language processing and extraction of relational information associated with genes and proteins that are found in genomics journal articles. To enable access to information in textual form, the natural language processing system of the present invention provides a method for extracting and structuring information found in the literature in a form appropriate for subsequent applications.

### French Abstract

Cette invention a trait a des methodes permettant d'identifier de nouveaux genes, lesquelles methodes consistent (i), a creer une ou plusieurs bases de donnees specialisees contenant des informations sur une structure de gene/proteine ainsi que sur des interactions de fonction et/ou de regulation et, (ii), a rechercher dans ces bases de donnees specialisees l'existence d'une homologie ou d'un motif particulier, ce qui permet d'identifier un nouveau gene presume a etudier. Il est egalement possible de mener, dans le cadre de cette methode, un essai de simulation ou d'hypotheses permettant d'identifier ce gene presume comme nouveau gene a etudier ou de confirmer un tel statut. Cette invention porte, de surcroit, sur un traitement du langage naturel ainsi que sur

Search report

l'extraction d'informations relationnelles associees a des proteines et des genes dont font etat des articles de revues relatifs au genome. Afin de donner acces a une information sous forme textuelle, le systeme de traitement du langage naturel de l'invention met en oeuvre une technique d'extraction et de structuration d'informations trouvees dans une documentation et ce, sous une forme se pretant a des utilisations ulterieures.

Legal Status (Type, Date, Text)

Publication 20001026 A1 With international search report.

Examination 20010802 Request for preliminary examination prior to end of 19th month from priority date

...International Patent Class: G06F-017/00

29/5,K/20 (Item 20 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00738041 \*\*Image available\*\*

**METHOD AND APPARATUS FOR IMPROVING ACCESS TO LITERATURE**

**PROCEDE ET APPAREIL D'ACCES AMELIORE A DES DONNEES**

Patent Applicant/Assignee:

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Inventor(s):

DRUCKER Ernest, 680 West End Avenue, New York, NY 10025, US

MEYER Jonathan, 825 Gramatan Avenue, Mt. Vernon, NY 10552, US

MCGINN Thomas, 545 West End Avenue, #7D, New York, NY 10024, US

Legal Representative:

HECKER Gary A, The Hecker Law Group, Suite 2300, 1925 Century Park East,

Los Angeles, CA 90067, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200051028 A1 20000831 (WO 0051028)

Application: WO 2000US4514 20000222 (PCT/WO US0004514)

Priority Application: US 99256966 19990223

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11855

English Abstract

A method and apparatus for improving access to literature is described. Embodiments of the invention comprise an access mechanism that searches current and past literature (e.g., journal publications or other articles) and selects some or all of the literature for a user based on criteria established for the user. In one embodiment of the invention, the access mechanism is coupled to an electronic medical records system used to enter patient information and user profile information and

## Search report

coupled to one or more literature (e.g., medical, scientific, current affairs, law, dental, etc.) libraries or database(s). Search criteria is obtained from user profile information established for a physician (or other user of the electronic medical records system) and patient information. The search criteria is used to generate a request for literature from the libraries. The search criteria may act as a filter of the literature that is contained in a library. In addition, the results of the request obtained from a library may be filtered based on criteria established for the user. The user may view, save, and/or print the results.

### French Abstract

La presente invention concerne un procede et un appareil destines a ameliorer l'accès a des données. Des réalisations de l'invention comprennent un mecanisme d'accès qui permet de rechercher, pour un utilisateur et selon des criteres etablis le concernant, des données actuelles et passees (par exemple, publications de journaux ou d'autres articles) et de choisir tout ou une partie des données. Dans une réalisation, le mecanisme d'accès est couple a un systeme électronique de dossiers medicaux utilise pour entrer des informations concernant des patients et des informations de profil utilisateur, et a une ou plusieurs base de données ou banques de données (par exemple, medicale, scientifique, affaires courantes, legale, dentaire, etc). Des criteres de recherche sont obtenus a partir d'un profil utilisateur, etabli pour un medecin (ou un autre utilisateur du systeme électronique de dossiers medicaux), et des informations sur un patient. Les criteres de recherche sont utilises afin de generer une requete concernant les données contenues dans les bibliotheques. Ces criteres peuvent servir comme filtre des données contenues dans la banque. En outre, les resultats de la requete provenant d'une banque de données peuvent etre filtres sur la base des criteres etablis pour l'utilisateur. L'utilisateur peut voir, sauvegarder et/ou imprimer les resultats.

### Legal Status (Type, Date, Text)

Publication 20000831 A1 With international search report.

Publication 20000831 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Claim Mod 20001123 Later publication of amended claims under Article 19 received: 20000901

Main International Patent Class: G06F-017/30

Fulltext Availability:

Claims

### Claim

... a computer to filter the results of said search is performed using said information.

27 The computer **program** product of claim 26 further comprising computer readable code configured to cause a computer to notify a...the Article

FIGURE 3

SUBSTITUTE SHEET (RULE 26)

/14

402

ACCESS

MECHANISM

404 40@ 408 410

USER **RECORD** STANDING AD HOC

SETUP LINK SEARCH ACCESS

Search report

412 OBTAIN  
SEARCH  
41 S  
LITERATURE  
Db(S)  
41  
FILTERING...  
...KEYBOARD MOUSE MASS 1212  
STORAGE  
J#  
1200  
FIGO 12  
GEORGIA GENERAL HOSPITAL STELLA GLEASON, M.D. CP  
Record Number MMC002320474649 Street Address 300  
Last Name Stevenson City Coll  
First Name Margaret State Gec  
Dob 8...  
...document. with indication, where appropriate, of the relevant passages  
Relevant to claim No.  
X QUINTANA Y: "Intelligent **medical** 1,21576@  
**information** filtering" 8@11-161  
INTERNATIONAL JOURNAL OF MEDICAL 19920  
INFORMATICS,IR,ELSEVIER SCIENTIFIC  
PUBLISHERS, SHANNON,  
vol. 51...  
...ISSN: 1386-5056  
the whole document  
Further documents are listed in the continuation of box C. Patent **family**  
**members** are listed in annex. Special categories of cited documents "T"  
later document published after the international filing...the relevant  
passages Relevant to claim No.  
X SCHREIBER F A ET AL: "DYNAMIC USER 1t2t6,8,  
**PROFILES** AND FLEXIBLE QUERIES IN OFFICE M21  
DOCUMENT RETRIEVAL SYSTEMS"  
DECISION **SUPPORT** SYSTEMS,NL,ELSEVIER  
SCIENCE PUBLISHERS, AMSTERDAM,  
vol. 5, no. 1,  
1 January 1989 (1989 01), pages 13...  
  
29/5,K/21 (Item 21 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.  
  
00733704  
ORDER ENTRY SYSTEM FOR CHANGING COMMUNICATION SERVICE  
SYSTEME D'ENTREE D'ORDRE, DESTINE AU CHANGEMENT DE SERVICE DE COMMUNICATION  
Patent Applicant/Assignee:  
EXCEL COMMUNICATIONS INC, 8750 North Central Expressway, Lock Box 6,  
Dallas, TX 75231, US, US (Residence), US (Nationality)  
Inventor(s):  
LEONARD Timothy J, 8701 Tierciels Drive, McKinney, TX 75070, US  
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SHOWALTER Barton E, Baker Botts, L.L.P., 2001 Ross Avenue, Dallas, TX  
75201-2980, US  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200046691 A2 20000810 (WO 0046691)  
Application: WO 2000US2598 20000201 (PCT/WO US0002598)  
Priority Application: US 99245786 19990205

Search report

Designated States: AE AL AM AT

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/00**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14941

English Abstract

A system for processing an order to change communication service includes a client that receives order data and an authorization image associated with a customer that desires to change communication service. The system also includes a server coupled to the client using a communication network. The server receives the order data and the authorization image from the client, generates a service request using the order data, and initiates communication of the service request to a communication service provider of the customer to change communication service.

French Abstract

L'invention concerne un systeme destine a traiter un ordre de changement de service de communication, et dans lequel un agent recoit des donnees d'ordre ainsi qu'une image d'autorisation associee a un client qui souhaite changer de service de communication. Ce systeme comprend un serveur, couple au client utilisant un reseau de communication. Ce serveur recoit les donnees d'ordre et l'image d'autorisation a partir du client, il produit une demande de services a l'aide des donnees d'ordre et communique cette demande a un fournisseur de services de communication du client, afin de changer le service de communication.

Legal Status (Type, Date, Text)

Publication 20000810 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20010125 Late publication of international search report

Examination 20010531 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-017/00**

Fulltext Availability:

Claims

Claim

... generating a service request from the order for the associated local exchange carrier based on a care **record** for the local exchange carrier; and initiating communication of the service request to the associated local exchange...

...0

0 13

4

SWITCH

216

I'-

- 2 1 0

FIG, 2

MEMORY

Search report

OR ZIP CODE OF BILLING "-", -714  
ADDRESS FROM...

...ANIs FROM @@@720  
724 s S  
@ F@  
SEND ERROR y 2  
MESSAGE TO CLIENT  
TO FIG. 14B  
-,,, - **COMMUNICATE** VERIFICATION  
MESSAGE TO CLIENT  
728 -%s, RECEIVE ORDER DATA AND  
IMAGED **SUPPORTING** 800  
DOCUMENTS FROM CLIENT FIG, 1 5  
7  
730-N@ PLACE ORDER IN  
QUEUE DATABASE **POLL** QUEUE 802  
DATABASE  
732  
734 YES H 804  
@ F R( R  
PLACE HOLD 0  
ON ORDER 736...  
  
...WITH BTN  
742 i  
LLIN GENERATE SERVICE 810  
NO DRES REQUEST FOR  
ID ASSOCIATED CSP  
ES +  
STORE  
**COMMUNICATE** ORDER SERVICE REQUEST 812  
744 DATA TO **THIRD** **PARTY**  
FOR VERIFICATION  
**COMMUNICATE** SERVICE  
RECEIVE VERIFICATION REQUEST TO  
746 FROM **3rd** **PARTY** ASSOCIATED CSP  
740 NO  
VALID  
GENERATE  
ERROR MESSAGE YE  
AND SEND lu  
ERVER VERIFIED FLAG  
SET **3rd** **PARTY**

29/5,K/22 (Item 22 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00731966 \*\*Image available\*\*  
**METHOD AND APPARATUS FOR DYNAMICALLY GENERATING A USER PRESENTATION BASED  
ON DATABASE STORED RULES**  
**PROCEDE ET DISPOSITIF DE GENERATION DYNAMIQUE DE PRESENTATION UTILISATEUR  
EN S'APPUYANT SUR DES REGLES STOCKEES EN BASE DE DONNEES**  
Patent Applicant/Assignee:  
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Highway South, Austin, TX 78746, US, US (Residence), US (Nationality),  
(For all designated states except: US)  
Patent Applicant/Inventor:  
AINSWORTH John Patrick, 11388 Ironwood Road, San Diego, CA 92131, US, US

# Search report

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## Patent and Priority Information (Country, Number, Date):

Patent: WO 200045301 A1 20000803 (WO 0045301)  
Application: WO 2000US1839 20000125 (PCT/WO US0001839)  
Priority Application: US 99240048 19990129

## Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

## Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

## Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 22440

## English Abstract

In a computer network such as a telemedicine network, a method of generating a user presentation for an application program includes selecting and retrieving at least one of a plurality of rules stored in one or more databases in response to a request from the application program; executing the rules to retrieve data from the one or more databases; and generating presentation data based on the data, where the presentation data is for use in the user presentation of the application program.

## French Abstract

La presente invention concerne un reseau d'ordinateurs, tel qu'un reseau d'informatique medicale, mettant en oeuvre un procede permettant de produire une presentation utilisateur destinee a un programme d'application. A cet effet, on selectionne et extrait l'une au moins des differentes regles stockees dans l'une au moins des differentes bases de donnees en reaction a une demande provenant du programme d'application. On execute ensuite les regles de facon a extraire les donnees des bases de donnees considerees. On produit ensuite les donnees de presentation en s'appuyant sur les donnees, auquel cas les donnees de presentation conviennent a l'utilisation dans la presentation utilisateur du programme d'application.

## Legal Status (Type, Date, Text)

Publication 20000803 A1 With international search report.

Publication 20000803 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20001123 Request for preliminary examination prior to end of 19th month from priority date

Search report

Main International Patent Class: **G06F-017/30**  
Fulltext Availability:  
Claims

Claim

... the patient  
.....  
Patient  
Regis  
Medical information about the patient tration  
(User  
Def ined)  
Information about your health **insurance**  
Signature Date  
FIG. 21 W....  
Patient  
Portrait  
Image  
apture  
Save Exit Cancel  
Print Portrait Informationi  
Function FIGURE...table Data.Table  
i  
Create a container object to encapsulate the new  
data item and add the **relationship** to the Left  
Container in the containerhierarchy table  
Execute Data Save Rule for this particular data  
type...  
  
...John Doe Texas Back COMPI  
View Gender:Mate Consutation Institute CtInIc3  
Patient Age:29 Comprehensive James Cable **MD**  
n Call No Photo  
ents Available  
bcnedule View John Doe "M I  
Patient 03:00AM Call Gender:Mate  
Video Age:29 Tex k C11  
Conferencing PW @Photo@ Consulation E. e **MD**  
Send Alert I Available Expanded Ish Butler  
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figure 8  
121 Further documents are listed In the continuation of box C. Patent  
**family members** are listed In annex. Special categories of cited  
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vol. 43, no. 1...

...July 1992)  
page 2 of 2  
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29/5,K/23 (Item 23 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00546693 \*\*Image available\*\*

**REVERSE AUCTION SEARCH ENGINE**

**MOTEUR DE RECHERCHE POUR MISE AUX ENCHERES INVERSEES**

Patent Applicant/Assignee:

INTERACTIVE YELLOW PAGES INC,  
NATH Prithu,

Inventor(s):

NATH Prithu,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200010066 A2 20000224 (WO 0010066)

Application: WO 99US16712 19990812 (PCT/WO US9916712)

Priority Application: US 9896388 19980813

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD

RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-007/06

International Patent Class: G06F-015/20; G06F-015/62; **G06F-017/60** ;

H04M-011/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12439

English Abstract

Buyer registers (100) receives a secret code for E-mail verification, and responds with their secret code to activate their account. The buyer chooses a geographic area of search (101). The buyer searches for products and services on the present invention Super store. If no prices then log-in-page. Buyer logs-in (106) with the login name and password. Buyer fills out Inquiry and submit (107). Sellers receive their responses in their Intelli-boxes (108). Responses are sorted (112) depending on type of Inquiry from chose. The buyer accepts may of responses (113).

French Abstract

La presente invention concerne un systeme de mise aux encheres inversees et un site Internet a portail de nouvelle generation grace auquel

Search report

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usiness Category...

**29/5,K/24 (Item 24 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
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00543755 \*\*Image available\*\*

**A MODULAR, CONVERGENT CUSTOMER CARE AND BILLING SYSTEM**  
**SYSTEME DE FACTURATION ET DE SERVICE CLIENT CONVERGENT ET MODULAIRE**  
Patent Applicant/Assignee:

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MOORE Leslee Eaton Cattrall,  
RAKIC Daniel,  
SEEGER Andreas,  
SOTOLA Rene,  
TATEM Chris,

Inventor(s):

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TATEM Chris,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200007128 A1 20000210 (WO 0007128)  
Application: WO 99US16445 19990726 (PCT/WO US9916445)  
Priority Application: US 9894459 19980729; US 99353629 19990715

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG  
US UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM  
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM  
GA GN GW ML MR NE SN TD TG

Main International Patent Class: **G06F-017/60**

International Patent Class: H04M-015/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 29498

English Abstract

A system that includes a set components that can offer a complete solution to a client or can be partitioned to offer solutions to specific areas. The components are modular. The components are independent and integrated containing all the necessary processes and inputs and outputs to function independently. The components can also be integrated together into a system where the components work together. The set of components are also convergent by allowing all services to be provided and viewed via single interface through a single consolidated customer database independent of the type of service(s) being provided to a customer.

French Abstract

Systeme comprenant un ensemble de composantes pouvant offrir une

Search report

PROBLEMS"

DATA **COMMUNICATIONS** ,US, MCGRAW HILL. NEW YORK7

vol. 24, no. 1, page 64-65 XPOO0480807

ISSN: 0363-6399

entire document

r 7V Further documents are listed in the continuation of box C. rV Patent

**family members** are listed in annex.

L@i LLJ

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...15 January 1998 (1998 15)

abstract

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ANNUAL REVIEW OF **COMMUNICATIONS** ,

vol. 47, 1 January 1993 (1993 01),

pages 800-806, XPOO0455398

ISSN: 0886-229X

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page 2 of 2

INTERNATIONAL SEARCH REPORT

Inbarnational Application No

Information on patent **family members** F AS 99/16445

Patent document Publication Patent family Publication

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29/5,K/25 (Item 25 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00539970 \*\*Image available\*\*

**METHOD AND SYSTEM FOR ELECTRONICALLY MANAGING AND REIMBURSING MEDICAL CARE  
PROCEDE ET SYSTEME DE GESTION ET DE REMBOURSEMENT, DE SOINS MEDICAUX**

Patent Applicant/Assignee:

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LENNON Joseph B,

NURZHANOV Bakhitzhan,

Inventor(s):

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LENNON Joseph B,

NURZHANOV Bakhitzhan,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200003343 A1 20000120 (WO 0003343)

Application: WO 99US15429 19990709 (PCT/WO US9915429)

Priority Application: US 98113939 19980710

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

## Search report

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD  
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-019/00

International Patent Class: **G06F-017/60**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16559

### English Abstract

A system for guiding medical service providers in making referrals and in providing services that are automatically authorized for specified payments. Upon an initial encounter with a patient, the system guides a user through identifying insurance plan member information, verifying patient number and eligibility, and identifying related past encounter. The system then assists the user in creating a referral that authorizes a performing provider to provide certain medical services which are guaranteed to be reimbursed at a determinable level. The system guides the user in specifying a referring and performing provider, a type of facility, a referral basis and treatment type suggestions, and an urgency level. For each specification, the system indicates choices for which the system can automatically authorize a referral that results. The system also assists review users in manually authorizing referrals that the system cannot automatically authorize. When a person seeks care from a performing provider for which an authorized referral exists, the system retrieves relevant patient medical history and assists a user in specifying authorized diagnosis and service codes, corresponding to the medical diagnoses made and the medical services provided, such that the provider is guaranteed to receive a determinable payment. If diagnosis or service codes are specified for which the system cannot automatically authorize payment, the system assists review users in manually adjudicating and authorizing the payment to be received. When services are authorized for payment, the system automatically makes payment.

### French Abstract

L'invention concerne un systeme servant a guider des prestataires de services medicaux dans des operations de recommandation et de prestations de services qui sont automatiquement autorisees pour des paiements specifiques. Lors d'un contact initial avec un patient, le systeme guide un utilisateur en identifiant des informations d'affiliation a un regime d'assurance, en verifiant la recevabilite de l'affiliation du patient et en identifiant les contacts passes correspondants. Le systeme aide ensuite l'utilisateur a produire une recommandation qui autorise un prestataire executant a fournir certains services medicaux dont le remboursement est garanti selon un taux pouvant etre determine. Le systeme guide l'utilisateur en specifiant un prestataire recommande et executant, un type d'installation, des suggestions de base de recommandation et de type de traitement, et un degre d'urgence. Pour chaque specification, le systeme indique des choix pour lesquels le systeme peut autoriser automatiquement une recommandation qui en decoule. Le systeme aide egalement des utilisateurs reviseurs a autoriser manuellement des recommandations que le systeme ne permet pas d'effectuer automatiquement. Lorsqu'une personne cherche a obtenir des soins d'un prestataire executant pour lequel il existe une recommandation autorisee, le systeme recupere les antecedents medicaux du patient concerne et aide l'utilisateur a specifier des codes de diagnostic et de services autorises, qui correspondent aux diagnostics medicaux etablis et aux

## Search report

services medicaux fournis, de facon a garantir au prestataire un paiement pouvant etre determine. Si des codes de diagnostic ou de services sont specifies, pour lesquels le systeme ne peut pas autoriser automatiquement un paiement, le systeme aide les utilisateurs reviseurs a prendre une decision et a autoriser manuellement le paiement. Lorsque des services sont autorises a etre payes, le systeme effectue automatiquement le paiement.

International Patent Class: G06F-017/60

Fulltext Availability:

Claims

### Claim

... the provider must attempt to verify the status of a patient as an eligible member of an **insurance** plan and to determine the types of services that will be covered for this patient. Covered services will vary for each **insurance** plan, and can even vary for individual patients within a plan. Due to these various uncertainties, providers...

...is it difficult for the referring provider to know whether the referral will be covered by the **insurance** plan, it is also difficult for a referring provider to know exactly what specialty service is needed...

...qualified or authorized to make the particular diagnosis needed to recommend ICD-9 and CPT codes. A **specialist** performing provider who receives a referral may be even less familiar with the services typically covered by a particular **insurance** plan, and thus may face even greater uncertainty about the possibility of payment. .  
Thus, for both services...

...can be reduced for services that can be postponed until they can be pre-authorized by the **insurance** plan, that is also a time-consuming process and may still not indicate the precise amount of payment that will be received. The current situation also requires significant effort by **insurance** plans and UM groups to track referrals and services performed, to preauthorize a variety of referrals and...

...selecting services to be provided that are automatically authorized for specified payments. The system creates and shares **electronic** patient claim **records** (PCRs) that are transferred between providers and other authorized users. and that are automatically paid when they are either automatically or manually authorized. When a patient first visits a provider, the system **assists** the provider to determine patient eligibility and to identify relevant patient medical **history** and related past treatments. If the patient is to be referred to a performing provider for the provision of medical services, the system **assists** the user in specifying the referring and performing providers. a referral basis. a type of facility for...

...without requiring manual review. When a performing provider is to treat a patient, the system **assists** a user in specifying diagnosis and service codes for which the system can automatically authorize payment. If...

...The appropriate person may be any person at a specified review level (e.g., any Utilization Review **nurse** ) or a specific person (e.g., a particular case manager). The system also **supports** specialized functionality, such as separate **support** functions for hospital performing providers. For such performing providers, the system tracks information such as admission and...

...journal entries made.

In one embodiment, all users of the system are in constant two-way computer **communication** . such as via a network of computers or via terminals attached to a shared server. In this...

...such as by one-way or two-way pager, cellular phone, voice mail, etc. For example, a **physician** who can manually approve a type of procedure may carry a pager rather than be tied to...

...be forwarded to the user as an object or as email. Alternately, if the user has a **communication** device such as a pager or a phone, the system can convert the information from the PCR into an appropriate alphanumeric or spoken format so that the user can receive the information on their **communication** device.

#### BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is a diagram illustrating an embodiment of the **Electronic** Managed Care Commerce (EMCC) system of the present invention. Figures 2-15 are example user interface screens...

...selecting 10 services to be provided that are automatically authorized for specified payments. In particular, the **Electronic** Managed Care Commerce (EMCC) system creates and shares **electronic** patient claim **records** (PCRs) that are transferred between providers and other users, and that are automatically paid when they are...

...guaranteed payment, uncertainty of providers about reimbursement and under-payments can be reduced and the need of **insurance** plans and/or UM groups to review many claims can be eliminated. In one embodiment, the EMCC...

...to initiate the provision of medical care to the person. The Gatekeeper module acts as an entry **point** into the EMCC system by guiding the user through specifying various information that will ultimately create a...

...authorized for payment by the EMCC system.

The Gatekeeper module begins a referral by creating an **electronic** patient claim **record** (PCR) for the patient. The PCR represents the current encounter as well as any subsequent referral and...

...storing information related to the encounter such as information specifications made by the user. The Gatekeeper module **assists** the user in determining patient eligibility and in displaying patient medical **history** , including indicating any referral **history** and past encounters related to the present visit. For example, to **assist** in determining patient eligibility, the Gatekeeper module can retrieve from the EMCC Server a list of **insurance** plan members who are eligible for medical treatment. This list could include any member of which the...

...After the member information for the patient is selected by the user, the Gatekeeper module can similarly **assist** in displaying patient medical **history** by retrieving other PCRs for this patient. The retrieved PCRs could include all PCRs for the patient...

...if the current PCR represents the continuing treatment of a previously treated problem).

The Gatekeeper module next **assists** the user in specifying the referring and performing providers for the referral. While the referring provider will often be the primary care provider for the patient, other providers (e.g., a **nurse** practitioner or a hospital) may also be authorized to make a referral depending on the **insurance** plan, the patient, and the past treatment. A variety of providers can similarly be specified as the performing provider. For example, a patient may be referred to a

## Search report

**specialist** provider, or a primary care provider may specify a self-referral in which the primary care provider...

...is not effective. the context of this past treatment selection may allow a later referral to a **specialist** to be automatically authorizable. Similarly. when the head of a medical department is acting as a referring ...

...authorized than would the average primary care provider. After specifying referring and performing providers, the Gatekeeper module **assists** the user in specifying a referral basis that indicates the type of patient problem (e.g.. a suspected heart valve disorder). a type of facility for treatment (e.g., a I O **physician** 's office), a suggested type of treatment by the performing provider (e.g., evaluate and treat, or...emergency). The Gatekeeper module also can assign an appropriate referral review level (e.g., a Utilization Review **nurse** ) if manual review is needed, and can identify patient-specific risk factors related to the specified referral...

...of the specifications have been made. the Gatekeeper module will notify the EMCC Server to make the **electronic** PCR available to the appropriate provider or other user. Those skilled in the art will appreciate that...

...with a patient. it can also be used by other providers at other times (e.g., a **specialist** performing provider who receives a referral which authorizes one type of service may perform a self...

...users at the specified review level for the PCR (e.g., to one or more 'Utilization Review **nurses** ) for manual authorization. A user such as a Utilization Review (UR) **nurse** will use an EMCC Authorization module to receive and review such PCRs. The Authorization module can display...

...information in the PCR and retrieve additional related information from the EMCC Server (e.g.. patient medical **history** or performance data for the referring provider). The Authorization module user can then manually authorize the referral...

...performing provider, a user at that location uses an EMCC Performing Provider (PP) module to display the **electronic** PCR for the person. The availability of the PCR indicates that the referral to the performing provider...

...merely switch from the Gatekeeper module to the PP module and continue the encounter.

The PP module **assists** a user in viewing information from the PCR for the patient. and can retrieve and display related information from the EMCC Server such as patient medical **history** or patient demographic information. The PP module then **assists** the user in specifying one or more diagnosis codes related to medical problems of the patient. and...

...and the PCR is sent to a Pavlist module for immediate payment.

The EMCC system can also **support** specialized modules. For example, while hospitals are one type of performing provider, the EMCC system can have...

...medical care at the hospital. a user at that location uses a Hospital module to display the **electronic** PCR for the person. In addition to the functions performed by the PP module, the Hospital module can **assist** the user in performing hospital-specific activities such as admitting and discharging the patient and **recording** journal entries for I O the period during which the patient is admitted. If the hospital provides...

...the EMCC system). In one embodiment. all users of the EMCC system are in

## Search report

constant twoway computer **communication** . such as via a network or via terminals attached to a ...for the user will display the PCR information to the user. Alternately, if the user has a **communication** device such as a pager or a phone. the RD module can convert the information from the ...

...into an appropriate alphanumeric or spoken format so that the user can receive the information on their **communication** device.

Thus, the EMCC system provides a variety of advantages over prior 5 systems. Since the EMCC...

...with prior systems. Conversely, the automatic approval of referrals and treatments performed by the EMCC system frees **insurance** plans and/or UM groups from manual review of claims and authorization requests. Since providers are guided through the process of treatments and making referrals. the EMCC system can provide **point** -of-care protocols and sophisticated disease management. In addition, combining together all information related to a patient, including demographic, medical **history** and **medical treatment information** , provides various advantages. The combination of all information together eliminates the need to do many types of...

...which is time-consuming, annoying, and subject to input error. Finally, the EMCC system can provide instantaneous **electronic** notice to users interested in various types of information, such as all referrals from a particular provider...

...that these and analogous EMCC modules can be used by any type of provider, including solo practitioner **doctors** , groups of **doctors** working together, managed care organizations. hospitals, clinics, laboratories, pharmacies. alternative medical care providers, rehabilitation centers, etc. In...

...Server II 0 which coordinates the activities of various EMCC modules and which facilitates the transfer of **electronic** PCRs and other information between these modules. When a person first seeks care, they will typically go...

...hospital for admission is authorized, the Gatekeeper module and/or the EMCC Server will transmit the corresponding **electronic** PCR to a Hospital module 125. If an authorized referral is not for a hospital admission, the Gatekeeper and/or the EMCC Server will instead transmit the **electronic** PCR to a Performing Provider (PP) module 120 for the specified performing provider. However, if the user...

...v authorized by the EMCC system, the Gatekeeper module and/or the EMCC Server instead transmit the **electronic** PCR as a request for authorization to an Authorization module 115 of a user at the appropriate ...

...level. This review user can then promptly authorize, modify, or deny the referral and forward an authorized **electronic** PCR to the appropriate PP or Hospital module for the performing provider. When the patient seeks care...

...provider. it is not necessary to re-enter patient information or re-verify patient eligibility since the **electronic** PCR contains this information. Instead. the referral information in the PCR can be used by the PP...

...patient is discharged. the PP or Hospital module and/or the EMCC Server transmit the authorized updated **electronic** PCR to the Paylist module I3



## Search report

) 5 to initiate payment.

Alternately, if a performing provider chooses diagnosis...

...codes

which cannot be automatically authorized. the PP or Hospital module and/or EMCC Server transmit the **electronic** PCR as a request for payment to the Adjudication module 130 for manual authorization. modification, or denial of payment for the services. After the **electronic** PCR is updated with a manually authorized payment amount, the PCR is then forwarded to the Paylist module. When the Paylist module receives an **electronic** PCR that is authorized for a specified payment amount, the **electronic** PCR is automatically processed and payment is immediately forwarded (electronically or otherwise) to the appropriate performing and...a visit to Dr. Smith's office. a user at the office invokes a Gatekeeper module to **record** the encounter and guide the initial consultation. The user can access the Gatekeeper module in a variety...

...of the PCRs has a unique PCR identifier, and the current display shows the name of the **insurance** plan and the member identifier for the patient, the date that the PCR was created, an urgency...

...as shown in Figure 3. As indicated, the user has now entered the Create/Edit Patient Claim **Records** portion of the UI. with the first of eight actions related to creating a new PCR being to identify the **insurance** plan member information for the patient. As part of creating a new PCR. the EMCC system automatically...

...through the list until the entry for Paul Anderson is located. This entry indicates Mr. Anderson's **insurance** plan, plan member ID. primary care provider, and the provider code for the primary care provider. In...

...displays only that

information which is appropriate under the current circumstances. For example. if the only two **doctors** at this office are Ted Smith and Jan Wu, only **insurance** plan member information for members which have one of these **doctors** as their primary care provider will be listed, rather than listing all members of all possible **insurance** plans. If a member listing for Paul Anderson cannot be located in the default view, the user can select the Show All button to see the member listing for all known **insurance** plan members. Alternately, the user could manually specify the patient information and attempt to verify eligibility. In...

...can be displayed. including information about when the eligibility of the patient as a member of the **insurance** plan was last automatically verified. When the user is finished reviewing the information on the screen, the...

...screen to continue with the PCR creation. If information displayed on UI screen 400 had required further **investigation**, additional information could have been retrieved from the EMCC Server using other EMCC system functionality (not shown...

...specific suffix added to the base member ID. Screen 500 allows the user to specify a referral **history** for the current PCR if there have been previous encounters 3 0 related to the current encounter. Various other PCRs for the current patient are displayed in the referral **history** screen, with information displayed indicating the problems to which the PCRs relate. The two PCRs shown ...the current encounter is related to continuing heart problems, PCR 000151 from three days ago is related **history** for the current PCR. Thus, the user selects the 000151 PCR and then selects the Associate button...

## Search report

...select the Done button to continue to the next screen. After the user has specified the referral **history** for the current PCR, the I 0 Gatekeeper module continues to U1 screen 600 shown on Figure...

...those which the EMCC system can automatically authorize to make referrals for this patient based on the **insurance** plan and the past treatment **history** from associated PCRs. For example, when a patient first seeks treatment, it is possible that only a **doctor** may be authorized to refer the patient

1 5 for additional treatment. However, after previous treatment by...step 2145 that the user specified additional information to be displayed (e.g., information on past treatment **history** or on a provider), the routine continues to step 2 150 to retrieve and display the requested... selection of a displayed PCR from the user. The routine continues to step 2215 to retrieve additional **patient** medical **history** for the **patient** . such as associated PCRs. The routine then continues to step .1225 to invoke subroutine 1900 to **assist** the user in selecting for the **patient** an ICD-9 diagnosis code corresponding to a diagnosis made by the provider. Diagnosis codes are indicated...

...the routine can automatically authorize payment based on the context of previously specified information (i.e.. the **insurance** plan, the **patient** . related past treatment, the referring and performing providers, the referral basis, the type of facility, the referral...

...After selecting a diagnosis code, the routine continues to step 2230 to similarly invoke subroutine 1900 to **assist** the user in selecting for the **patient** a CPT service code corresponding to products or services supplied by the performing provider. Service codes are...

...routine  
2300. The Hospital routine receives PCRs indicating authorized referrals with the hospital as the performing provider, **assists** a user in adding information about the hospital encounter to the PCR, and submits the PCR for...

...selected, the routine continues to step 2320 to determine if the user has specified to discharge the **patient** . If not, the routine continues to step 2325 to retrieve the **patient** 's medical **history** , including associated PCRs, so that it can be displayed. The routine then continues to step 2330 to determine if the user has specified to admit the **patient** . If so, the routine continues to step 2335 to add the admission date to the PCR. After...

...or if it is determined in step 2330 that the user did not specify to admit the **patient** , the routine continues to step 2340 to add a journal entry related to the **patient** encounter. These entries may include service codes related to services provided. The routine then continues to step...returns to step 2340. and if not, the routine continues to step 23360 to determine if the **patient** should be discharged at this time. If the **patient** is not to be discharged, the routine continues to step 2365 to invoke the Remote Distribution subroutine...

...module. If it is instead determined in step 2' ) 20 or step 22 3 60 that the **patient** is to be discharged, the routine continues to step 2' ) 70 to add the discharge date to...

...PCRs related to requests for payment for diagnoses and services which

## Search report

could not be automatically authorized. and **assists** the user to determine the payment for the services performed by displaying relevant information. The routine beoins...

...ways, such as by receiving textual comments from the user or by automatically analyzing services provided and **supporting** comments justifying the services. After step 2435, the routine continues to step 2440 to select some or...

...routine continues to step 2455 to invoke the Remote Distribution subroutine to return the PCR to an **Ad** udication routine. After step 2455 or 2460, the routine returns to step 2405.  
Figure 25 is a...

### ...CLAIMS

I A method in a computer system for controlling authorization for a medical referral of a **patient** from a referring provider to a performing provider, the performing provider to provide medical services authorized by the medical referral to the

**patient** . the method comprising:

displaying a list of choices each representing a **patient**  
in response to selection of a **patient** by indicating the **representative**  
displayed choice, displaying a list of referring provider choices each representing a medical service

provider authorized to make a medical referral of the selected **patient** :  
in response to selection of a referring provider by indicating the **representative** displayed choice, displaying a list of performing provider choices each representing a medical service provider authorized to provide medical services to the selected **patient** ;

in response to selection of a performing provider by indicating the **representative** displayed choice, displaying a list of referral basis choices each representing a reason for the selected referring provider to make a medical referral of the selected **patient** to the selected performing provider;

in response to selection of a referral basis by indicating the **representative** displayed choice, displaying a list of treatment suggestion choices each representing at least one medical service that the selected referring provider can suggest be provided to the selected **patient** by the selected performing provider;

in response to selection of a treatment suggestion by indicating the **representative** displayed choice. determining whether ...an authorization of a referral can be obtained without human intervention, the referral being of the selected **patient** to the selected performing provider by the selected referring provider for the reason represented by the selected...

...of the medical services represented by the selected treatment suggestion can be immediately provided to the selected **patient** by the selected performing provider.

2 The method of claim I including:  
after the notifying of the...

29/5,K/26 (Item 26 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00514138 \*\*Image available\*\*

MEDICATION MONITORING SYSTEM AND APPARATUS  
SYSTEME ET APPAREIL DE CONTROLE DE MEDICAMENTS  
Patent Applicant/Assignee:

## Search report

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### Patent and Priority Information (Country, Number, Date):

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Priority Application: US 9876943 19980304; US 9893753 19980722; US  
99261044 19990302; US 99260936 19990302

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FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM  
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM  
GA GN GW ML MR NE SN TD TG

Main International Patent Class: **G06F-017/60**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11480

### English Abstract

A medication management system which includes three components to assist a patient control, monitor and manage administration of prescribed medications. The system comprises a patient component having a retrievable patient database of patient medical history, prior prescribed medications and current prescribed medications, and it includes a data transfer interface, e.g., a hardwired interface, such as an RS232 interface or infrared data transfer port. The system also includes a physician component having a retrievable physician's database of medication information and an input/output device enabling a prescribing physician to enter prescription information into the physician component. The physician's database is capable of receiving and storing patient data transferred from the patient component through said data transfer interface. The system finally also includes a pharmacist component resident on a pharmacist's computer. The pharmacist's computer is adapted to interface with said patient component to transfer prescription data to said pharmacist component. At least one of or each of the physician component and the pharmacist component has the capability of searching a medication database to determine potential medication interactions with currently prescribed medications and identify those to the physician or pharmacist for selective downloading to the patient component so that the patient can be alerted to the potential interactions. The patient component has a scheduler which tracks a plurality of medication dose schedules and includes alarm functions to prompt a patient to take particular medications, reschedule them, and alert the patient to potential interactions between medications and/or provide caution information to the patient for administration of the medication.

### French Abstract

Un systeme de gestion de medicaments comprend trois elements destines a aider un patient a reguler, a controler et a gerer l'administration de

## Search report

medicaments prescrits. Le systeme comprend un element patient ayant une base de donnees interrogeable contenant l'historique medical du patient, les medicaments prescrits anterieurement et les medicaments prescrits actuellement, et il comprend une interface de transfert de donnees, par exemple une interface cablee, telle qu'une interface RS232 ou un port de transfert de donnees par infrarouge. Le systeme comprend egalement un element medecin ayant une base de donnees medecin interrogeable contenant des informations sur les medicaments ainsi qu'un dispositif d'entree/sortie permettant a un medecin prescripteur d'entrer des informations de prescription dans l'element medecin. La base de donnees du medecin est capable de recevoir et de conserver des donnees relatives au patient transferees de l'element patient par ladite interface de transfert de donnees. Enfin, le systeme comprend egalement un element pharmacien residant dans l'ordinateur du pharmacien. L'ordinateur du pharmacien est adapte pour se connecter a l'element patient afin de transférer les donnees de prescription vers ledit element pharmacien. L'element medecin et/ou l'element pharmacien presentent la capacite d'explorer une base de donnees de medicaments afin de determiner les interactions medicamenteuses potentielles avec les medicaments prescrits actuellement et de les signaler au medecin ou au pharmacien afin de proceder a un telechargement selectif vers l'element patient, de facon que ce dernier puisse etre prevenu des interactions potentielles. L'element patient comprend un ordonnanceur suivant une pluralite de programmes de doses de medicaments et il comprend des fonctions d'alarme destinees a indiquer au patient qu'il doit prendre certains medicaments, a les reprogrammer et il previent le patient des interactions potentielles entre des medicaments et/ou il fournit des informations d'avertissement au patient quant a l'administration du medicament.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

### Detailed Description

- ... 1. name, address, phones
  - 1 age, weight, height
  - 2. Next of Kin Contact Information
    - 2 names, phones, **relationships**
  - 3. Doctors
    - 3 physicians & affiliation, such as internist, dentist, optometrist
    - 3 all phone numbers and addresses
  - 4...
- ...delayed medication
  - 5 Occurrence of any side effect from a medication
  - 6 Patient Medical Conditions
    - 6 brief **history**
    - 6 allergies
    - 6 current conditions
      - 6 relevant family **history**
  - 7. Prescription data (for every medication consumed)
    - 7 name (trade/generic) indication
    - 7 dosage, frequency, timing
    - 7 interactions
    - 7 side effects
    - 7 special instructions
    - 7 prescribing **physician**
    - 7 dispensing pharmacy & date filled
  - 8. Other information
    - 8 **Advertising** messages for product sponsors
    - 8 Special instructions for emergency personnel

# Search report

## 8 Security access information

Both of the sample **patient** devices shown in Figs. 2 and 3 use the 3 button input configuration to display data and...  
...on the memory device 14. To respond to an alarm,  
a possible sequence of steps for the **patient** component is shown in Figure 5.

In block 50 the patient component is turned on. Alternatively,  
the...

29/5,K/27 (Item 27 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00348333 \*\*Image available\*\*

**AN INTEGRATED DEVELOPMENT PLATFORM FOR DISTRIBUTED PUBLISHING AND  
MANAGEMENT OF HYPERMEDIA OVER WIDE AREA NETWORKS  
PLATE-FORME DE DEVELOPPEMENT INTEGREE POUR LA PUBLICATION ET LA GESTION  
REPARTIES D'HYPERMEDIA SUR DES RESEAUX LONGUE PORTEE**

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

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GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AT BE  
CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML  
MR NE SN TD TG

Main International Patent Class: **G06F-017/30**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 177634

## English Abstract

The present invention addresses the critical needs of publishers seeking to create and publish hypermedia content in electronic form across wide area networks ("WAN's") such as the World Wide Web. Toward this end, a client-server development platform is provided for handling the important functions of document authoring, content-based indexing and retrieval of documents, management and control of proprietary assets, and support for developing form-driven interactive services, all in a manner that is uniquely and seamlessly WAN-integrated.

## French Abstract

Le systeme selon l'invention repond aux besoins cruciaux des editeurs desireux de creer et de publier le contenu d'hypermedia sous forme electronique dans des reseaux longue portee tels que le reseau WWW (World Wide Web). Pour ce faire, une plate-forme de developpement de serveur/client est produite pour gerer les fonctions importantes de

## Search report

creation de documents, indexation basee sur le contenu et d'extraction de documents, de gestion et de controle des actifs.prives, et de support pour le developpement de services interactifs a base de masque, l'ensemble de maniere integree, de maniere unique et transparente aux reseaux a longue portee.

Main International Patent Class: **G06F-017/30**

Fulltext Availability:

Detailed Description

Detailed Description

```
... LINK-TAG OX11 /* Standard link, not clearly defined*/
#define BASE-TAG OX12 /* original version of doc, resolves relative
URLs
#define META
TAG OX13 /* To be included in HTTP header
#define TITLE
TAG OX14 /* Title of...strand *cached( char void
public: /* GWW */
static strand *find(int);
protected.

void addrefo;
void delrefo;
void *ctx;
friend class iostrand;
friend class rstrand;
friend class wstrand;
public.

inline int sernoo ( return(serial);
inline time
t expireato ( return(expires
? expires
(lastmod
? fudge...noticefocus: 1; /* Setting the title in the URL field gives it
foc
us, but we don't care */
unsigned int panefocus: 1; /* The pane currently has the focus
unsigned int panetrapped: 1; /* The pane wants...
```

**29/5,K/28 (Item 28 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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00294708 **\*\*Image available\*\***

**MEDICAL TRANSACTION SYSTEM**

**SYSTEME DE TRANSACTION POUR LE DOMAINE MEDICAL**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

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## Search report

SI SK TJ TT UA UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU MC  
NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: **G06F-017/60**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 28151

### English Abstract

A medical transaction system (10, 14, 18) is disclosed which is capable of permitting a plurality of healthcare providers to communicate with a plurality of payors and financial institutions. The healthcare providers, payors, and financial institutions do not have to communicate in the same data message formats nor in the same communication protocols. Such a system (10, 14, 18) facilitates not only the processing of medical claims submitted by the healthcare providers to the payors, but also permits the transfer of medical data records between healthcare providers. The system (10, 14, 18) supports the processing of medical claims without requiring a centralized database or imposing a uniform claim format on the healthcare providers and payors. The preferred embodiment of the invention further includes a financial transactor (22) that uses remittance information from the payors to generate the electronics funds transfer messages to credit and debit accounts. Additionally, the system supports a medical line of credit at financial institutions that may be used to pay portions of medical claims not covered by payors.

### French Abstract

L'invention a pour objet un systeme de transaction (10, 14, 18) pour le domaine medical permettant a plusieurs prestataires de soins medicaux de communiquer avec plusieurs organismes payeurs et instituts financiers. Les prestataires de soins medicaux, organismes payeurs et instituts financiers ne sont pas contrains de communiquer entre eux selon les memes formats de messages de donnees ni selon les memes protocoles de communication. Ce type de systeme (10, 14, 18) facilite non seulement le traitement des demandes de paiement de frais medicaux soumisees aux organismes payeurs par les prestataires de soins, mais permet egalement le transfert des dossiers medicaux entre les prestataires de soins medicaux. Ce systeme (10, 14, 18) aide au traitement des demandes de paiement de frais medicaux sans necessiter une base de donnees centralisee ni imposer aux prestataires de soins medicaux et organismes payeurs un format uniforme pour la demande. Le mode prefere de realisation de l'invention comprend, en outre, un dispositif de transaction financiere (22) utilisant les informations sur les versements pour generer des messages de transferts de fonds par systeme electronique destines aux comptes crediteurs ou debiteurs. En outre, le systeme aide a l'obtention d'une ligne de credit medical aupres d'instituts financiers, par exemple afin de payer la part de la demande de paiement de frais medicaux non couverte par l'organisme payeur.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

### Claim

... healthcare providers. Although the optional data fields provided in the message formats specified by the ANSI standards **support** different variations within the standard, the ANSI 837 data message format in previously known systems are set...

...to the central processing system so the central processing system can generate electronic funds



## Search report

transfer messages to **financial** institutions. Instead, the insurance carriers may generate hard copy checks that are mailed to the. **financial** institutions or may adjudicate the claim and transmit the remittance of the claim to the central processing system which in turn generates electronic funds transfer messages in the same format for the **financial** institutions. As a consequence, only the insurance carrier has access to all of the remittance data that...

...by the insurance carrier. Periodically, an insurance carrier may provide the database of remittance information to a **third party** for statistical analysis to determine data such as the most frequent type of treatment for a particular...

...that information.

All previously known medical computer systems are dedicated to a single function such as providing **medical** healthcare data

**records** such as treatments and diagnosis to healthcare providers or submitting and adjudicating medical healthcare claims. What is needed is a medical transaction computer system that is capable of integrating the functions of obtaining **medical** data **records** with the function of medical healthcare claim processing.

The present invention provides a medical transaction system that...

...medical transaction

system that communicates with a plurality of healthcare provider computer stations and a plurality of **insurance** carrier and **financial** institution (trading partner) computer stations in a variety of communication protocols and data message formats. One...

...the data messages transmitted by the healthcare provider computer stations, the compiled information being put in generic **records** having a format that is independent of the communication protocol and format of the data messages, an extractor for extracting some of the generic **records** associated with a trading partner computer station identification code, a formatter for formatting message information from the extracted generic **records** in a format corresponding to the trading partner computer station identification code, and a communications transmitter for...

...by the trading partner.

Such a transaction system is capable of communicating with the healthcare provider, **insurance** carrier, and **financial** institution

computer stations in any one of a variety of communication protocols and data message formats. For example, **doctors** and hospitals may submit medical claims to the transaction system without the claims having to be communicated...

...system of the present

The invention may communicate data messages containing claim information to a variety of **insurance** carriers without the **insurance** carriers all using the same data message formats and communication protocols. This advantage permits the operator of the medical transaction system to contract with any **financial** institution or **insurance** carrier for a format predetermined by a trading partner agreement that meets the needs of one trading partner without impacting communication or data format requirements for another trading partner. Thus, any **financial** institution or **insurance** carrier

## Search report

signing a trading partner agreement with the operator of the medical transaction system need not modify kept at each of the respective **insurance** companies. Thus, there is no need for a centralized database having specific insurance carrier information at the medical transaction system for processing a medical claim...

...advantage is that information to maintain a centralized database for validating claims is not required from the **insurance** 1 5 carriers.

Another embodiment of the unique medical transaction system of the invention includes the capability of receiving data messages which include adjudicated claim and remittance information from the computer stations at the **insurance** carriers. The medical transaction system of this embodiment further includes a **financial** transactor that processes the remittance information to generate electronic funds transfer messages that may be transmitted to the **financial** institutions to transfer money from an **insurance** carrier account to a healthcare provider account. The compiler of this embodiment further includes the capability to...

...information from the remittance and electronic funds transfer messages and associate the compiled information with the generic **records** in the database generated from the medical data requests. Thus, the medical transaction system can generate a...

...providers as well as the trading partners. In this type of system, the healthcare provider may request **medical data records** of a **patient** in order to properly diagnose or prescribe a treatment for a **patient**'s condition. The transaction request for **medical data records**

5 is routed through the medical transaction system to the appropriate **medical data record** source, such as another healthcare provider. The **medical data record** source, in response, provides **medical data records**

to the requesting healthcare provider station through the medical transaction system. This embodiment of the medical transaction system handles this type of **medical data record** transactions along with

the medical claim transactions previously discussed. Thus, this embodiment of the invention provides a medical transaction system that integrates the function of providing **medical data records** with the

function of processing medical healthcare claims. - 10

Other advantages of the present invention will become...shown in Fig. 1 1;

1 5 Fig. 15 is a flowchart of the processing of the **financial** transactor shown in Fig. 5.

### DETAILED DESCRIPTION

The medical transaction system 10 of Fig. 1 shows an...

...partner computer stations, TP, through TPN.. Each of the healthcare provider terminal stations are located in a **doctor**'s office, hospital, or the like and is typically used to generate medical claims for

the treatment of **patients**. Computer stations P, through PN may also be located at submitter or biller sites where medical claims...

...1 0 in batch form or in real time.

The claims are submitted to payors such as **insurance** carriers and governmental agencies that comprise a subset of the computer stations

TP, through TPN. The healthcare provider stations do not provide the claim **information** to the **medical** transaction system 10 in the same data message format nor do all of the healthcare provider stations...

...same communication

protocol. A communication receiver and transmitter are provided within medical transaction system 10 to **support** the plurality of data message formats and communication protocols needed to communicate with the 5 healthcare provider 10 reorganizes the information from the received medical claim into a generic **medical claim record** format. These generic **medical records** may be stored in

the memory of the medical transaction system or organized in a generic transaction database 12 associated with the system. The medical transaction system 10 may periodically extract generic **medical records**

- 13

that correspond to one of the trading partners. These extracted data **records** are formatted in a format that corresponds to a computer identification code that corresponds to a trading partner. Typically, the data message format for the formatted generic **records** are stipulated in a contractual agreement between the operator of the medical transaction system and each of...

...For example, system 10 may, at

10:00 p.m. each evening, extract all the generic **medical records** received for a day that represent claims for a particular **insurance** company, such as a Blue Cross/Blue Shield affiliate, format the **records** and send them to the Blue Cross/Blue Shield affiliate for adjudication. 15 The system of...

...receiving a medical claim from a

plurality of healthcare providers or subscriber sites that use computer stations **supporting** different medical claim formats and different communication protocols. For example, a **doctor** may submit a claim for a **patient**'s visit and a hospital may submit a claim for extended care

at its facility, even though the hospital and **doctor** use different computers that format data messages differently and communicate in different protocols. The submission of the...

...form or in a real time manner. Secondly, medical

transaction system 10 not only receives the **medical claim information**

in a multitude of formats and protocols but also organizes the data in the received data messages to create generic **records** which contain the **medical claim information**. These generic **records** facilitate the organization of a generic transaction database 12 and the extraction of the generic **records** for transmission to a trading partner. Thirdly, each

of the **insurance** carrier trading partners maintains its own databases for adjudicating the claims it receives from system 10. Thus, there is 10 no requirement for system 10 to have a centralized database having specific **insurance** carrier information for processing or adjudicating medical claims.

Another embodiment of the medical transaction system 10

is shown in Fig...information is

also contemplated. For example, the verifier may determine that a

- 15

hysterectomy for a male **patient** is an erroneous claim. If an erroneous claim is received, an error message may be generated that...

...received correctly.

The medical transaction system of Fig. 2 also includes a compiler that generates a generic **record** that contains identifying information regarding a data message received from a healthcare provider that failed verification...

...of Fig. 2 also

includes an analyzer that generates statistical data from the data in the generic **records** of the database 16. This statistical data may include which healthcare providers are submitting the most claims...

...further provides communication from one healthcare provider to another. Thus, system 18 may be used to communicate **medical data records** from one healthcare provider station in response to a request from another healthcare provider station in the...

...transaction system 18 include remittance and claim adjudication information from payors, electronic funds transfer messages to **financial** institutions, and **medical data records** from **insurance** carriers and medical service sites such as laboratories and the like. As explained in more detail below...information from payors to generate the electronic fund transfer messages for debiting and crediting accounts at the **financial** institutions. - 17  
As explained in more detail below, the compiler of medical transaction system 18 also compiles remittance, payment, and medical **history** data from the data messages received from the healthcare providers and trading partners, and preferably organizes the compiled data in generic **record** formats for inclusion in a generic transaction database 20. The generic database 20 of the system 18 may provide a **history** of a claim submission, adjudication, and payment as well as a repository for **medical data records** which are transmitted through the medical transaction system. Preferably, an analyzer may be included 10 in...

...their claims, which healthcare providers are having a significant number of claims rejected, and other **financial** information. Additionally, the claims and **medical data records** stored in the generic transaction database 20 may be analyzed to determine what demographic group requires the...

...system 18 is that the information passing through the system can be organized in generic data **records** independent of the - 18  
data message formats which are being received by and transmitted from the medical transaction system. These generic data **records** include claim information, **financial information**, and **medical history information**, all of which are a valuable source of data for statistical analysis that may be used to improve the healthcare supplied by the providers and for which the **insurance** carriers pay. Another advantage of the medical transaction system 18 of Fig. 3 is that there is...

...A system incorporating the present **invention** provides uniformity without imposing the costs of requiring the **insurance** carriers and the healthcare providers to use the same data format. Another advantage of the medical transaction system of Fig. 3 is the ability to provide a credit line for medical care at a

**financial**

institution that may be used by a **patient** to pay for those portions of a medical claim that are not covered by an **insurance** carrier' ...are preferably performed by software executing on a Tandem CLX/R or CVcloneiR computer controlled by a **GUARDIAN** C30 operating system, Release Level 5. Such a computer and operating system are - 19 available from Tandem...

...the preferred computer running the preferred operating system. Preferably, the commercially available software is sold under the **commercial** name Engin by Muscato Corporation of Orlando, Florida, although other commercially available programs may be used.  
1...

...computer system executing a compiler program to compile information from the data messages and create the generic **records**, and an extractor program could extract selected ones of the generic **records**, format them to particular data formats and provide the formatted data messages to the communication computer for transmission to a healthcare provider or trading partner computer station.  
The **commercial** and **customized** software of the preferred embodiment that executes on the computer platform for the medical transaction system 18...

...message received from the communication layer 24 and organizes the data from the received data messages into **records** having a generic format. Periodically, the kernel 22 extracts the generic data **records** corresponding to a particular computer station, formats the information in the generic **records** into the data message format recognized by the computer station and supplies the formatted - 21 messages to...

# Search report

S1 393330 (MEDICINE? OR MEDICAL OR HEALTH OR TREATMENT OR THERAPY OR THERAPIES OR CARE) (2N) (RECORD? OR DOCUMENT? OR FILE? OR REPORT? OR BRIEF? OR INFORMATION) OR EMR

S2 10569398 PATIENT? OR INVALID OR SUBJECT? OR (SICK OR ILL) ( ) PERSON? - OR INDIVIDUAL OR PERSONAL OR PRIVATE?

S3 8777759 (THIRD OR 3RD OR OUTSIDE) ( ) (PARTY OR PARTIES) OR FRIEND? OR FAMILY ( ) MEMBER? OR RELATIVE? OR RELATION? OR LAWYER? OR ATTORNEY? OR ADVOCATE? OR GUARDIAN? OR AGENT? OR CUSTODIAN? OR REPRESENTATIVE?

S4 1387984 HEALTH (2W) (PROFESSIONAL? OR PROVIDER?) OR DOCTOR? OR PHYSICIAN? OR MD OR NURSE? OR RN OR LPN OR CLINICIAN? OR SPECIALIST? OR THERAPIST? OR LAB? ( ) TECHNICIAN? OR PHARMACIST? OR DRUGGIST? OR INSURANCE OR HMO OR PPO OR MEDICAID OR MEDICARE

S5 4916674 PROFILE? OR HISTORY? OR RECORD? OR TARGET? OR CUSTOMIZ? OR (INDIVIDUAL OR PERSONAL) ( ) (SPECIFICATION? OR GOAL? OR OBSERVATION? OR ADVISE OR ADVICE OR RECOMMEND?)

S6 8728870 AD OR ADS OR ADVERT? OR PUBLIC? OR PLACARD OR COMMERCIAL - OR PROMO? OR BANNER? OR CATALOG? OR DESKTOP ( ) BRAND? OR POPUNDER OR POPUP OR POP ( ) (UNDER OR UP) OR COMMERCIAL ( ) (MESSAGE? OR SPOT?) OR SUBSICIZ? OR SUPPORT? OR FINANC? OR ASSIST?

S7 20845017 QUESTIONNA? OR SURVEY? OR INQUIR? OR STUDY OR STUDIES OR CANVASS? OR POLL OR POLLS OR RESEARCH? OR INVESTIGAT?

S8 4364813 INCENTIVE? OR INDUCEMENT? OR ENCOURAGEMENT? OR LURE? OR BONUS OR POINT? OR AWARD? OR PREMIUM? OR REWARD? OR PROGRAM? OR COUPON?

S9 424284 TELEMEDICINE OR (LONG ( ) DISTANCE OR REMOTE) ( ) MEDICINE OR TELECOMMUNICAT? OR HEALTH ( ) CARE ( ) SERVICE? OR (OFF ( ) SITE OR OFFSITE) ( ) DATABASE? OR TELEHEALTH OR TELEHEALING OR TELE ( ) (HEALTH OR HEALING OR MEDICINE) OR HOME ( ) CARE

S10 2898763 WWW OR W ( ) W ( ) W OR WORLDWIDE ( ) WEB OR WORLD ( ) WIDE ( ) WEB OR INTERNET OR ONLINE OR ON ( ) LINE OR COMMUNICAT? OR (CONNECTED OR - COMPUTER) ( ) NETWORK? OR ELECTRONIC OR DIGITAL

S11 26 S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9

S12 35 S1 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9

S13 2320 S1 AND S2 AND S3 AND S4 AND S5 AND S6

S14 103 S13 AND S9

S15 458 S13 AND S10

S16 368 (S14 OR S15) AND S7

S17 116 S16 AND S8

S18 32012 S1 AND S10

S19 12774 S18 AND (S3 OR S4)

S20 4844 S19 AND S6

S21 2794 S20 AND S7

S22 1334 S21 AND S5

S23 392 S22 AND S8

S24 321 S23 AND S2

S25 35 S11 OR S12

S26 28 RD (unique items)

S27 23 S26 NOT PY>2000

S28 23 S27 NOT PD>20000324

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28/5/1 (Item 1 from file: 35)  
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01532833 ORDER NO: AAD97-07498

**TRANSCENDING THE TECHNOLOGY OF TELEMEDICINE : A CASE STUDY OF  
TELEMEDICINE IN NORTH CAROLINA**

Author: WHITTEN, PAMELA SASSE

Degree: PH.D.

Year: 1996

Corporate Source/Institution: UNIVERSITY OF KANSAS (0099)

Source: VOLUME 57/10-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4191. 164 PAGES

Descriptors: SPEECH COMMUNICATION ; MASS COMMUNICATIONS ; INFORMATION  
SCIENCE ; HEALTH SCIENCES, MEDICINE AND SURGERY

Descriptor Codes: 0459; 0708; 0723; 0564

This study investigated the telemedicine program at East Carolina University School of Medicine. In-depth interviews, organizational texts and archival records provided data for a case study which sought to understand what telemedicine is to organizational members and how they came to create this contextual reality.

The goal of this study was to apply interpretive paradigmatic assumptions in the privileging of telemedicine as the very context of the organization. Only through acknowledging that telemedicine is inseparable from the context, can researchers fully apply the notion that organizational members socially construct their reality, or the organizational context, for their coming together in organized activity.

The findings explain how organizational members make sense of this new way of providing health care. Organizational members' talk revealed that telemedicine is multifaceted: it is access, an economic tool, education, technology and a grant activity. With the single exception of technology, these themes emerged equally regardless of whether the telemedicine provider was located at the urban hub site or the rural spoke site. Respondents located within the formal telemedicine hub site were able to describe the process of administering telemedicine in much more detail than were rural members or physicians at either location. Other than the urban members who do telemedicine as a full-time job, very few respondents acknowledged the many players involved in accomplishing telemedicine. In addition, members at the urban site were better able to specifically chart the formal beginning of telemedicine at ECU to a prison telemedicine contract. Members at rural sites were more like to simply talk about the origins of telemedicine in relation to when their specific site came up. Interestingly, members at both locations talked about critical events in relation to receipt of grant or financial support for new projects. This study provided critical insight into what a telemedicine organization actually is to members and how that understanding is applied in the daily process of organizing.

28/5/2 (Item 2 from file: 35)  
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01510795 ORDER NO: AAD96-33562

**PROSPECTIVE COST-EFFECTIVENESS WITH TELEMEDICINE TECHNOLOGIES: CASE  
STUDY OF PHYSICIAN CONSULTATIONS IN MANAGED CARE ENVIRONMENT**

Author: DALTON, MARY THERESE

Degree: PH.D.

Year: 1996

Corporate Source/Institution: WALDEN UNIVERSITY (0543)



Source: VOLUME 57/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
 PAGE 3639. 238 PAGES  
 Descriptors: HEALTH SCIENCES, HEALTH CARE MANAGEMENT  
 Descriptor Codes: 0769

Using **telemedicine** technologies for consultations in a managed care environment offers opportunities for electronically communicating **patient** data between primary care **physicians** and **specialists**. This **research** presents a case **study** of San Diego, California, which is in the later stages of managed care consolidation in a highly competitive market.

The objectives of this **study** were twofold: (a) to examine the current use of **telemedicine** technologies in outpatient managed care, and (b) to describe the prospective cost-effectiveness with the use of **telemedicine** technologies. Structured interviews were conducted to obtain the data requirements of primary care **physicians** and **specialists** and to understand the potential effectiveness with **telemedicine** technologies for electronic data exchange. Two scenarios were developed that illustrate the current and potential value of electronic data exchange in the managed care systems of San Diego. The working theory was that improved electronic data exchange in **physician** consultations can reduce the cost of care and increase effectiveness of **health care providers** in the managed care environment.

The **study** found that **physicians** in these managed care systems generally lacked electronic **patient records** data and **telemedicine** technologies, though they believed electronic data exchange would be cost-effective and improve **patient** care. The socio-technical concept model shows the framework for representing the **relationships** between strategic planning and utilization of technology needed to **support** ambulatory **patient** care in the vertical integration of a managed care environment. Using a systems approach in the managed care environment appears to offer the opportunity to gain the most value from developing an electronic **medical record** with **telemedicine** technologies, which can be accessed by **health care providers** across the regional enterprise.

This **study** concludes by **pointing** out the need for interdisciplinary teams to cooperatively bridge the communication gap in managed care systems to enable electronic access to **patient** information for decision makers including **health care providers** and administrators. While the **telemedicine** technologies are available today, organizational resistance and economic justification appear to be factors needing additional **research** before wide implementation can occur even in managed care systems.

28/5/3 (Item 3 from file: 35)  
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01493487 ORDER NO: AADAA-IMM04708  
**A GEOGRAPHICAL STUDY OF THE UTILIZATION OF HOME CARE NURSING SERVICES IN FRONTENAC, LENNOX, AND ADDINGTON COUNTIES IN 1993 (ONTARIO)**  
 Author: JACKSON, STEPHEN RICHARD  
 Degree: M.A.  
 Year: 1995  
 Corporate Source/Institution: QUEEN'S UNIVERSITY AT KINGSTON (CANADA) (0283)  
 Advisers: MARK ROSENBERG; R. R. TINLINE  
 Source: VOLUME 34/04 of MASTERS ABSTRACTS.  
 PAGE 1417. 108 PAGES  
 Descriptors: GEOGRAPHY, SOCIAL ; HEALTH SCIENCES, NURSING  
 Descriptor Codes: 0366; 0569  
 ISBN: 0-612-04708-3

The Ontario Health Protection and **Promotion** Act ensures accessibility to public health **programs** to every citizen of the province, no matter where they live. However, it is unknown if equal access works in practice. Accordingly, this thesis examines equal access by determining whether or not there are any geographic biases in the provision and utilization of **home care** nursing services.

**Home care records** for the counties of Frontenac and Lennox and Addington, at the Census Subdivision scale for the calendar year 1993, are analyzed in conjunction with demographic and socio-economic variables from the 1991 Census of Canada.

A chi-square analysis found that **home care** utilization rates increased as the total CSD population increased. However, a subsequent mapping of the location quotients of **home care** users and their utilization rates did not reveal any noticeable spatial pattern. Furthermore, an ecological analysis did not find any significant **relationships** between **home care** nursing utilization and the socio-economic variables. This may be a function of data limitations or it may be because the allocation of **home care** nursing services is equitable.

Accessibility modelling did find a **relationship** between the location of **home care** users and the distance to the nearest Victorian Order of **Nurses** office. However, the **relationship** was weak and a subsequent mapping revealed no apparent spatial pattern. The thesis concludes with recommendations for improvements in the information system which would be helpful for future **studies**.

28/5/4 (Item 4 from file: 35)  
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01395508 ORDER NO: AAD95-04471  
**BENEFITS OF A COORDINATED SYSTEM OF COMMUNITY-BASED HEALTH CARE SERVICES FOR MEDICALLY UNDERSERVED CHILDREN**  
Author: HAYES, JILL MAUREEN  
Degree: PH.D.  
Year: 1994  
Corporate Source/Institution: MEDICAL COLLEGE OF GEORGIA (0305)  
Chair: ARLENE LOWENSTEIN  
Source: VOLUME 55/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3815. 101 PAGES  
Descriptors: HEALTH SCIENCES, NURSING; HEALTH SCIENCES, PUBLIC HEALTH  
Descriptor Codes: 0569; 0573

Access to health **promotional** services for children in the United States (U.S.) has become an issue of critical importance. Fifty percent of the U.S. youth of today are at risk for drug and alcohol abuse, STD's, pregnancy, and injury or death from violence or accident. These health related risks often lead to an increase in school absenteeism and poor academic performance.

The purpose of this **study** was the measurement of the benefits of improved access to health care to **Medicaid** eligible children. The academic and **medical records** of 143 children enrolled in an innovative **program** providing comprehensive **health care services** to **Medicaid** eligible children were reviewed. Demographic data were analyzed to identify any significant characteristics of **study** participants. Data on utilization of health services, absenteeism, overall health status, and academic performance were analyzed to determine if this population would benefit from improved access to **health care services**.

Four hypotheses were tested within the context of this **study**. All

were stated in the null form and all were rejected. There was a significant increase in the use of wellness and illness services by participants. There was also a significant increase in the absenteeism rate of participants between Time 1 and 2, and Time 1 and 3. It was anticipated that absenteeism would decline as utilization increased. However, as participant utilization of services increased, absenteeism also increased.

It was anticipated that academic performance would improve as utilization of **health care services** increased. However, academic performance declined as utilization increased. Finally, there was a significant change in the health status scores of participants between Time 2 and 3. In addition, any possible correlation between utilization of services and absenteeism, and utilization of services and academic performance were explored.

Findings in this **study** represent significant changes in this population **relative** to the variables studied. Both utilization of services and health status improved following one year of enrollment in the Alliance. Absenteeism and academic performance declined for the same time period. Possible rationale for these findings and potential implications were discussed.

28/5/5 (Item 5 from file: 35)  
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780459 ORDER NO: AAD82-14010

**CARE FOR THE DYING: A STUDY OF THE NEED FOR HOSPICE**

Author: OWEN, GREGORY MARK

Degree: PH.D.

Year: 1982

Corporate Source/Institution: UNIVERSITY OF MINNESOTA (0130)

Source: VOLUME 43/01-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 280. 296 PAGES

Descriptors: SOCIOLOGY, PUBLIC AND SOCIAL WELFARE

Descriptor Codes: 0630

A two-year **study** to assess the need for hospice care was conducted in Ramsey County, Minnesota. Hospice care is defined as a set of policies and practices designed to ease the distress of dying for both **patients** and **family members**. Hospice philosophy emphasizes relief of suffering, free service to the poor, and respect for those being cared for. Hospice practice emphasizes pain control, symptom relief, **home care**, family involvement, on-call **assistance**, and bereavement follow-up for families after death has occurred. The **study** hypothesizes that the principles of hospice care may be realized without specialized hospice **programs** through the use of existing health care resources combined with the voluntary **assistance of friends and family members**.

The hypothesis is examined in a retrospective **study** of terminal illness deaths. Following **physician** identification of randomly selected death certificates, 150 survivors were interviewed six to 18 months following the terminal illness and death of a **relative** or **friend**. Each respondent provided information concerning the circumstances, activities, and personnel associated with the care of the dying person. Care needs and problems were documented and the services provided by **friends, family members** and professionals were **recorded**.

The **study** found that two-thirds of the sample of respondents **reported** providing **care** for the terminally ill **person** at home and that more than one-half of the **patients** who received **home care** did so for a period of six months or more. Care tasks in the home were performed primarily by **family members** and on average, each **patient** was attended by two or more **relatives** or **friends**. Women outnumbered men as

caregivers two to one. One-quarter of the **patients** received **home care** visits by **nurses**.

Information concerning the unmet needs of **patients** and families suggests that the major barriers to realizing effective hospice care without specialized hospice **programs** include inadequate home **support** of non-professional caregivers, inadequate education and preparation of non-professional caregivers and limited access to respite care.

28/5/6 (Item 6 from file: 35)  
DIALOG(R) File 35:Dissertation Abs Online  
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775717 ORDER NO: AAD82-09946

**FIELD STUDY OF RURAL PRIMARY HEALTH CARE SERVICES : THEIR ORGANIZATION AND EFFECTS**

Author: SCHULTZ, PHYLLIS RACHEL JUDD

Degree: PH.D.

Year: 1981

Corporate Source/Institution: UNIVERSITY OF DENVER (0061)

Source: VOLUME 42/11-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4949. 323 PAGES

Descriptors: SOCIOLOGY, PUBLIC AND SOCIAL WELFARE

Descriptor Codes: 0630

Providing primary care to underserved, rural populations is a first priority health care and social problem in the United States. This field **study** evaluates two commonly-held assumptions of **programs** to alleviate the problem: access to health services positively affects health status; and interorganizational **relationships** among providers positively affect access. Results suggest that when health status is measured as expected service outcomes, these two assumptions enjoy undeserved credibility among policy-makers.

Materials for this two-community comparative case **study** include **personal** interviews with provider personnel and community leaders, telephone interviews with community residents, and information from secondary sources. Data are collected to describe the community characteristics, interorganizational **relationships**, organizational characteristics and health status of each community and analyzed to discover **relationships** among variables.

Major findings. (1) Similar patterns of access to health services in the two communities appear positively associated with some health care outcomes but not others. (2) Patterns of interorganizational **relationships** among providers within the communities and between local primary medical care providers and extra-local medical referral sources appear associated with differing patterns of access. (3) Provider organization characteristics are similar in the two communities but differ from those described in the sociological literature as related to interorganizational **relationships**. (4) The community **profiles** are similar to one another and to those **reported** in the **health** and sociological literatures as characteristic of underserved areas.

Implications. (1) Replicating the **study** is recommended to further test the discovered **relationships** and to further **investigate** the association of organizational characteristics with interorganizational **relationships** in the primary care domain. (2) Health outcomes can be improved if providers alter the emphasis of their services. (3) Continuing development of urban/rural medical referral networks is **supported**. (4) Curricular emphasis on interorganizational **program** development for improving access to services is recommended for **health professionals** education.

Further **research** is needed to identify alternative health programs for underserved communities.

28/5/7 (Item 1 from file: 5)  
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12823522 BIOSIS NO.: 200100030671

**Hospitalization in the Program of All-Inclusive Care for the Elderly (PACE): Rates, concomitants, and predictors.**

AUTHOR: Wieland Darryl(a); Lamb Vicki L; Sutton Shae R; Boland Rebecca; Clark Marleen; Friedman Susan; Brummel-Smith Kenneth; Eleazer G Paul  
AUTHOR ADDRESS: (a)Division of Geriatrics, University of South Carolina School of Medicine, Palmetto Richland Memorial Hospital, 15 Medical Park, No. 203, Columbia, SC, 29202\*\*USA

JOURNAL: Journal of the American Geriatrics Society 48 (11):p1373-1380  
November, 2000

MEDIUM: print

ISSN: 0002-8614

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

**ABSTRACT:** **BACKGROUND:** The **Program** of All-Inclusive Care for the Elderly (PACE) replicates the model of comprehensive, community-based geriatric care pioneered by On Lok, that enrolls frail older adults who meet states' criteria for nursing home care, and that uses interdisciplinary teams to assess the participants and to deliver care in appropriate settings. As managed care, PACE receives capitated payment from **Medicare** and **Medicaid**. Thus, PACE's fiscal **incentives** are thought to be aligned with the goals of optimizing health, function, and quality of life through the delivery of effective primary, preventive, restorative, **supportive**, and palliative care and through the avoidance of inappropriate and expensive hospital and nursing home utilization. **OBJECTIVES:** To describe short-term hospital utilization, hospital discharge diagnoses, time from enrollment to first hospitalization and its clinical predictors, and hospitalization in **relation** to mortality among PACE participants. **METHODS:** Data on short-term hospitalization and participants were recovered from PACE's minimum data set. Bed use was evaluated in annual cross-sections of current participants. Primary hospital discharge diagnoses were available for discharges from September 1, 1993 through March 31, 1997. The time from enrollment to hospitalization was calculated for the participants (n = 5478) who were admitted between January 1, 1990 and March 31, 1997. The characteristics of this inception cohort were used to develop a Cox regression model of hospitalization. All PACE deaths were identified and the place of death was recovered, together with the **medical records** used in the hospital during PACE enrollment or 6 months before death. **RESULTS:** Bed-days per 1000 PACE participants per year were comparable with the general **Medicare** (fee-for-service) population, at 2046 (in 1998) versus 2014 (in 1997) despite the greater morbidity and disability for PACE participants, as reflected in their enrollment characteristics and primary hospital discharge diagnoses. The time to hospitalization was 773 days (median); 95% confidence interval, 725, 814, and was predicted by disease, treatment, social and demographic factors. Whereas 8% of PACE deaths occurred in acute hospitals, less than one-third of the decedents spent any time in the hospital in the 6-month interval before death. **CONCLUSIONS:** Overall, short-term hospital utilization among PACE

participants is low in contrast with that for other older and disabled populations. Participant predictors of hospitalization in PACE are generally consistent with other **studies** in older clinical and community populations. Both utilization and risk vary considerably across PACE sites, independent of participant-level risk factors, hence suggesting that further **investigation** is required to **study** PACE's management of acute illness and hospitalization decisions. Critical to maintaining PACE's success is an understanding of the independent impact of the organization and the environment of health care on this management.

DESCRIPTORS:

MAJOR CONCEPTS: Geriatrics (Human Medicine, Medical Sciences)

BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata, Animalia

ORGANISMS: human (Hominidae)-- **patient**

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Animals; Chordates; Humans; Mammals; Primates; Vertebrates

MISCELLANEOUS TERMS: **Medicaid ; Medicare ; Program** of All-Inclusive Care for the Elderly; community-based geriatric care model; hospitalization concomitants; hospitalization predictors; hospitalization rate; primary hospital discharge diagnoses; short-term hospital utilization

CONCEPT CODES:

24500 Gerontology

BIOSYSTEMATIC CODES:

86215 Hominidae

28/5/8 (Item 2 from file: 5)

DIALOG(R) File 5:Biosis Previews(R)

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09555232 BIOSIS NO.: 199598010150

**Effect of pharmaceutical formulation of diltiazem on the utilization of Medicaid and health maintenance organization services.**

AUTHOR: Sclar David A(a); Tessier Genevieve C; Skaer Tracy L; Legg Randall F; Robison Linda M; Nemec Neil L

AUTHOR ADDRESS: (a)Boehringer Ingelheim Scholar, Pharmaceutical Economics, Coll. Pharmacy, Washington State Univ., \*\*USA

JOURNAL: Current Therapeutic Research 55 (10):p1136-1149 1994

ISSN: 0011-393X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Hypertension is a silent disease, the full seriousness of which becomes evident only when the sequelae of long-standing high blood pressure are manifest as congestive heart failure, angina, myocardial infarction, cerebral vascular accident, or end-stage renal disease. A major barrier to the management of hypertension is the extent to which **patients** comply with **treatment**. We **report** the findings of retrospective analyses designed to determine the **relationship** between dosage formulation and administration schedule for the calcium channel antagonist diltiazem, and the utilization of **health care services** within the state of South Carolina's **Medicaid program** and a network-model health maintenance organization ( **HMO** ). The **research objectives** were threefold: (1) for **patients** prescribed 180 mg/d of diltiazem, compare **financial outcomes** of **patients** receiving three dosage formulations: 60 mg three times daily (TID), immediate-release (IR) diltiazem; 90 mg two times daily (BID), sustained-release (SR) diltiazem; or 180 mg once daily (QD), controlled-delivery (CD) diltiazem;

(2) for **patients** prescribed 240 mg/d of diltiazem, compare **financial** outcomes of **patients** receiving three dosage formulations: 60-mg four times daily (QID) diltiazem IR, 120-mg BID diltiazem SR, or 240-mg QD diltiazem CD; and (3) determine the effect of the medication possession ratio (MPR), an index of compliance, on health service utilization. Multivariate regression analysis was used to determine the incremental influence of selected demographic characteristics, use of medical services 6 months before the diagnosis of hypertension, and the prescribed formulation of diltiazem on health service expenditures 1 year after the diagnosis of hypertension. Results indicate that **patients** initially prescribed a formulation and regimen facilitating once-daily administration have the fewest number of changes in antihypertensive pharmacotherapy, require fewer concomitant antihypertensives, achieve the highest MPR for antihypertensive pharmacotherapy, and **record** a decrease in the use of and expenditures for **physician** and hospital services ( $P$  ltoreq 0.05) under **Medicaid** and within the **HMO**.

REGISTRY NUMBERS: 42399-41-7: DILTIAZEM

DESCRIPTORS:

MAJOR CONCEPTS: Cardiovascular Medicine (Human Medicine, Medical Sciences); Neurology (Human Medicine, Medical Sciences); Pathology; Pharmacology; Public Health (Allied Medical Sciences); Urology (Human Medicine, Medical Sciences)  
 BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata, Animalia  
 ORGANISMS: human (Hominidae)  
 BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): animals; chordates; humans; mammals; primates; vertebrates  
 CHEMICALS & BIOCHEMICALS: DILTIAZEM  
 MISCELLANEOUS TERMS: ANGINA; ANTIHYPERTENSIVE-DRUG; CEREBRAL VASCULAR ACCIDENT; CONGESTIVE HEART FAILURE; DILTIAZEM; END-STAGE RENAL FAILURE; **FINANCIAL** OUTCOME; HYPERTENSION; MYOCARDIAL INFARCTION; TREATMENT COMPLIANCE

CONCEPT CODES:

12512 Pathology, General and Miscellaneous-Therapy (1971- )  
 14506 Cardiovascular System-Heart Pathology  
 14508 Cardiovascular System-Blood Vessel Pathology  
 15506 Urinary System and External Secretions-Pathology  
 20506 Nervous System-Pathology  
 22005 Pharmacology-Clinical Pharmacology (1972- )  
 22010 Pharmacology-Cardiovascular System  
 37010 Public Health-Public Health Administration and Statistics  
 37012 Public Health-Health Services and Medical Care  
 10060 Biochemical Studies-General

BIOSYSTEMATIC CODES:

86215 Hominidae

28/5/9 (Item 3 from file: 5)

DIALOG(R) File 5:Biosis Previews(R)

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07459289 BIOSIS NO.: 000091055508

**EPIDEMIOLOGICAL VIGILANCE SYSTEM FOR ACCIDENTS AT WORK FIRST RESULTS FROM AN EXPERIENCE IN THE NORTHERN ZONE OF SAO PAULO CITY BRAZIL**

AUTHOR: SANTOS U D P; WUNSCH FILHO V; CARMO J C D; SETTIMI M M; URQUIZA S D ; HENRIQUES C M P

AUTHOR ADDRESS: PROGRAMA SAUDE DOS TRABALHADORES, SUDS-R-6 SAO PAULO, RUA VOLUNTARIOS DA PATRIA 4301, MANDAQUI 02401, SAO PAULO, SP, BRASIL.

JOURNAL: REV SAUDE PUBLICA 24 (4). 1990. 286-293. 1990

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RECORD TYPE: Abstract  
LANGUAGE: PORTUGUESE

**ABSTRACT:** The epidemiological approach to occupational accidents and diseases adopted in Brazil is inadequate for many reasons, among them being: 1) the fact that only employers may notify work accidents, thus permitting notorious undernotification of these occupational hazards; 2) the available information does not permit a better understanding of the causal **relationship** between work accidents and diseases; 3) the official policy exists only for purposes of **insurance** compensation. The official documents for occupational disease and accident registration are the CTA (Work accident report) and FTA (Casualty treatment card). The Worker's Health **Program** of SUDS-R-6 proposed, in October, 1988 a method for the codification, registration in a micro-computer data bank and analysis of this information, based on the **records** presently in use (CAT) for public health service planning and accident prevention purposes. The major interest was in identifying the most common types of accidents in the region and the work environments in which they most frequently occur. The **target** population were the workers who attended the health units licenced to deal with work accidents and diseases, in the Northern region of S. Paulo City. The data presented below refer to the months of October, November and December, 1988, the first three months of the project. During that period a total of 2,339 accidents were registered. They were classified as: typical work accidents-87%: commuting accidents which occurred between the home and the work-place-18% and work diseases (only 2 cases). The majority of workers (50%) were between 25 and 45 years of age, approximately 7% were under 18. Male workers represented 83.2% of accident cases. The most affected area of the body were the fingers and hands (31.5%). Collisions with objects present in the work environment (17.5%) and heavy weights falling on the body (16.9%) were the main causes of accidents. The medical diagnosis showed that about 60% were contusions and wounds without fractures. Of the accidents registered, 371 (15.86%) were considered serious, with a high incidence of contusion and trauma with fracture. As the data were taken from CAT no deaths were observed, because this event occurs generally after the accidents and is registered on the FTA. The majority of work accidents (75%) led to an estimated less than 15 days' sick leave on the first medical examination. Approximately 15.5% of the accidents registered in the period studied occurred in the civil construction and engineering industries. The identification of the enterprises or industries with the highest accidents rates has given rise to the definition of the first criterion for the planning of the Worker's Health **Program**. The incidence of accidents involving fingers and hands, 31.5% of all accidents studied, has permitted the establishment of priorities for the structuring of **health care services**. The small number of work diseases observed is due in part to undernotification and also to the fact that medical **assistance** for work diseases had been centralized outside the area studied until December 1988. The **records** used for the notification of accidents at work are problematic, but the fact they are well known makes them useful as a basis on which epidemiological **studies** may be developed. As far as is known, this is the first attempt made in Brazil to correlate information from the CAT of a particular health region with the objective of establishing guide-lines for health planning. This project is being continued and further developed with the incorporation of the FTA data in the analysis. It is hoped that after the experience in this limited area, the system might be applied in other health regions of the city and maybe all over the country. The experience may also be useful in modifying the **records** presently in use and simplifying the bureaucracy involved.



DESCRIPTORS: HUMAN WORK ACCIDENT COMMUTING ACCIDENT WORK DISEASE ACCIDENT  
PREVENTION **HEALTH** PLANNING ACCIDENT **REPORT** REGULATION OCCUPATIONAL  
HAZARD

CONCEPT CODES:

05500 Social Biology; Human Ecology  
10612 External Effects-Physical and Mechanical Effects (1970- )  
12502 Pathology, General and Miscellaneous-General  
37010 Public Health-Public Health Administration and Statistics  
37013 Public Health: Environmental Health-Occupational Health  
37056 Public Health: Epidemiology-Miscellaneous  
00508 General Biology-Institutions, Administration and Legislation  
04500 Mathematical Biology and Statistical Methods

BIOSYSTEMATIC CODES:

86215 Hominidae

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA):

Animals  
Chordates  
Vertebrates  
Mammals  
Primates  
Humans

28/5/10 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE

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11184545 EMBASE No: 2001199197

**System of telemedicine services designed for family doctors ' practices**

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Telemedicine Journal and e-Health ( TELEMEDICINE J. E-HEALTH ) (United  
States) 2000, 6/4 (449-452)  
CODEN: TJEOA ISSN: 1530-5627  
DOCUMENT TYPE: Journal ; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 13

The main goal of the most European **telemedicine programs** is to increase access to emergency and primary care; however, **telemedicine** presents both profound opportunities and challenges to general practice/family medicine. The aim of this project is to develop and demonstrate a regional primary care teleconsulting system in Poland linking an academic family medicine center and 10 family **doctors ' practices** (both urban and rural) within a range of 100-200 km, serving a local population of 25,000 individuals. It is designed to **support** real-time consultations among **health care providers** via a computer network, provide secure access to multimedia **patient records**, and facilitate an innovative home monitoring and remote care from **doctors** to their **patients**. The entire process (planned for 3 years) includes: selecting the best technology (i.e., teletransmission system, communication protocols, etc.) and equipment; preparing the assumptions and conditions for formats and transmission rates; analysis of the existing techniques of compression and preparing own specific solution; finding an optimal infrastructure (i.e., equipment and communication configuration); implementing the system; evaluation of the medical, economic, organizational, and sociological aspects of the system (i.e., accessibility to primary health care, cost

feasibility and cost-effectiveness of **telemedicine** services, quality of care assessment, etc.). The project offers the potential to improve: access to high-quality primary health care; the **patient - physician** bond and the attending **physician** 's level of confidence; education of family **doctors** ; use of expensive resources; and a convenient mode of delivering medical services to the **patient** .

## MEDICAL DESCRIPTORS:

\* **telecommunication** ; \*general practitioner  
clinical practice; health care delivery; health care planning; biomedical technology assessment; university hospital; confidentiality; health care access; emergency health service; primary medical care; family medicine; health care cost; sociology; feasibility **study** ; cost effectiveness analysis; health care quality; **doctor patient relation** ; **patient** monitoring; **home care** ; Poland; **medical record** ; article; priority journal

## SECTION HEADINGS:

- 017 Public Health, Social Medical and Epidemiology
- 027 Biophysics, Bioengineering and Medical Instrumentation
- 036 Health Policy, Economics and Management

28/5/11 (Item 2 from file: 73)

DIALOG(R)File 73:EMBASE

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10753432 EMBASE No: 2000233785

Telemedicine : **Barriers and opportunities in the 21st century**  
Stanberry B.

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AUTHOR EMAIL: ben.stanberry@clert.com

Journal of Internal Medicine ( J. INTERN. MED. (GBR) ) (United Kingdom)

2000, 247/6 (615-628)

CODEN: JINME ISSN: 0954-6820

DOCUMENT TYPE: Journal; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 70

This paper aims to examine how health telematics will develop in the first 10 years of the new millennium and, in particular, to assess what operational, ethical and legal barriers may lie in the way of this development. A description of the key principles and concepts involved in **telemedicine** and a short historical overview of **telemedicine** 's evolution over the past century are followed by consideration of why empirical **research** into 'info-ethics' and other deontological and legal issues relating to **telemedicine** is being necessarily catalysed by, amongst others, the European Commission. Four evolving health telematics applications are examined in some detail: electronic **health records** : the transmission of visual media in disciplines such as teleradiology, teledermatology, telepathology and teleophthalmology; telesurgery and robotics and the use of call centres and decision- **support** software. These are discussed in the light of their moral, ethical and cultural implications for **clinicians** , **patients** and society at large. The author argues that **telemedicine** presents unique opportunities for both **patients** and **clinicians** where it is implemented in direct response to clear clinical needs, but warns against excessive reliance upon technology to the detriment of traditional **clinician - patient relationships** and against complacency regarding the risks and responsibilities - many of which are as yet unknown - that distant medical intervention, consultation and diagnosis carry.

MEDICAL DESCRIPTORS:

\* **telecommunication** ; \*information system  
**information center**; **medical ethics**; **medical record** ; robotics;  
**doctor patient relation** ; risk benefit analysis; computer **program** ;  
 review; priority journal

SECTION HEADINGS:

006 Internal Medicine  
 027 Biophysics, Bioengineering and Medical Instrumentation

28/5/12 (Item 3 from file: 73)  
 DIALOG(R) File 73:EMBASE  
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06582866 EMBASE No: 1996247482

**Robo-Rad': An inexpensive user- friendly multimedia report system for radiology**

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 Dept. of Radiology, Penn State University, P.O. Box 850, Hershey, PA 17033  
 United States  
 Telemedicine Journal ( **TELEMEDICINE J.** ) (United States) 1996, 2/2  
 (123-129)  
 CODEN: TEJOF ISSN: 1078-3024  
 DOCUMENT TYPE: Journal; Article  
 LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

**Background and Purpose.** The complex information obtained by CT, MR, and ultrasound examinations is often difficult to convey with a written report. Today's multimedia computer technology provides a medium within which the audio and the visual components of a radiologic consultation can be made available simultaneously, with the projected capability of remote access from any **personal** computer. A system was developed to run on low-end computer systems with image quality adequate for reporting purposes and prudent memory management (each report occupies < 4 MB). With this system-'Robo-Rad'-the image and radiologist are **recorded** simultaneously while he or she describes and **points** out (with a mouse) areas of interest. This dynamic report, along with **patient** data, can be retrieved and viewed by the consulting **physician** at his/her convenience using a low-end PC or Macintosh computer. **Materials and Methods.** To assess the clinical utility of Robo-Rad, **survey** responses were solicited from clinical **physicians** at the Penn State University Hospital (41.5% faculty/fellows, 31.7% residents, 11.8% medical students, 2% clinical nursing; n = 101) during a hands-on demonstration using **studies** of 35 consecutive inpatients whose CT scans had been dictated into the system. **Results.** In an average week, the **surveyed** professionals ordered 3.2 +/- 3.0 CT **studies** , reviewed 3.8 +/- 3.0 CTs, spent 1.5 +/- 2.0 hours locating CT **studies** , and discussed 2.3 +/- 1.9 CT cases with a radiologist. The average time spent discussing a single CT case with a radiologist was reported as 9.4 +/- 5.9 minutes. On a five- **point** rating scale (1 = not at all to 5 = very much so), respondents indicated that the Robo-Rad report was helpful (4.3 +/- 0.7) and provided clinically important information that would be difficult to convey with current dictation systems (4.2 +/- 0.8). Desire to discuss the case with a radiologist in addition to viewing the Robo-Rad report scored 3.2 +/- 1.0. If such a system were readily available, 91.8% of the respondents indicated that they would use it in addition to the currently available written report and audio dictation system, and 96.6% would use it instead of the current system. Local area network and modems were the modalities of highest interest for remote access (69.3% and 44.6%, respectively). **Conclusions.** Judging by these data, the Robo-Rad system would be of benefit to

**clinicians** . It provides a user- **friendly** , low-cost multimedia radiology report utilizing readily available technology to improve radiologist-**clinician** communication.

MEDICAL DESCRIPTORS:

\*computer system; \* **medical information** ; \*radiology; \* **telecommunication** article; audiovisual equipment; computer **assisted** tomography; diagnostic imaging; human; image quality; information retrieval; microcomputer; **patient** information; priority journal; **questionnaire** ; radiologist

SECTION HEADINGS:

014 Radiology  
027 Biophysics, Bioengineering and Medical Instrumentation  
036 Health Policy, Economics and Management

28/5/13 (Item 4 from file: 73)  
DIALOG(R) File 73:EMBASE  
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05435386 EMBASE No: 1993203485

**ASHP national survey of hospital-based pharmaceutical services - 1992**  
Crawford S.Y.; Myers C.E.  
PPSAD, ASHP, 7272 Wisconsin Avenue, Bethesda, MD 20814 United States  
American Journal of Hospital Pharmacy ( AM. J. HOSP. PHARM. ) (United States) 1993, 50/7 (1371-1404)  
CODEN: AJHPA ISSN: 0002-9289  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

The results of a national mail **survey** of pharmaceutical services in community hospitals conducted by ASHP during summer 1992 are reported and compared with the results of earlier ASHP **surveys** . A simple random sample of community hospitals (short-term, nonfederal) was selected from community hospitals registered by the American Hospital Association. **Questionnaires** were mailed to each director of pharmacy. The adjusted gross sample size was 889. The net response rate was 58% (518 usable replies). The average number of hours of pharmacy operation per week was 105. Complete unit dose drug distribution was offered by 90% of the respondents, and 67% offered complete, comprehensive i.v. admixture **programs** . A total of 73% of the hospitals had centralized pharmaceutical services. Some 83% provided services to ambulatory-care **patients** , including clinic **patients** , emergency room **patients** , **patients** being discharged, employees, **home care patients** , and the general public. A computerized pharmacy system was present in 75% of the departments, and 86% had at least one microcomputer. More than 90% participated in adverse drug reaction, drug-use evaluation, drug therapy monitoring, and medication error management **programs** . Two thirds of the respondents regularly provided written documentation of **pharmacist** interventions in **patients** ' **medical records** , and the same proportion provided **patient** education or counseling. One third provided drug management of medical emergencies. One fifth provided drug therapy management planning, and 17% provided written histories. Pharmacokinetic consultations were provided by 57% and nutritional **support** consultations by 37%; three fourths of **pharmacist** recommendations were adopted by prescribers. A well-controlled formulary system was in place in 51% of the hospitals; therapeutic interchange was practiced by 69%. A total of 99% participated in group purchasing, and 95% used a prime vendor. The 1992 ASHP **survey** revealed a continuation of the changes in many hospital- based pharmaceutical services documented in earlier **surveys** (e.g., growth in clinical services, ambulatory-care services, computerization) and identified static areas that merit the attention of pharmacy leaders (e.g., provision of complete, comprehensive

i.v. services).

**DRUG DESCRIPTORS:**

aminoglycoside antibiotic **agent** ; anesthetic **agent** ; antineoplastic **agent** ; carbamazepine; digoxin; glucose; heparin; lithium; phenobarbital; phenytoin; procainamide; radiopharmaceutical **agent** ; sodium chloride; theophylline; vancomycin; warfarin

**MEDICAL DESCRIPTORS:**

\*community hospital; \*hospital pharmacy; \*organization  
ambulatory care; article; computer; consultation; drug cost; drug dose;  
drug information; drug monitoring; drug therapy; drug use; emergency;  
**medical record** ; nutritional **support** ; **patient** counseling; **patient**  
education; **pharmacist** ; pharmacokinetics; priority journal; **questionnaire**  
CAS REGISTRY NO.: 298-46-4, 8047-84-5 (carbamazepine); 20830-75-5,  
57285-89-9 (digoxin); 50-99-7, 84778-64-3 (glucose); 37187-54-5,  
8057-48-5, 8065-01-8, 9005-48-5 (heparin); 7439-93-2 (lithium); 50-06-6  
, 57-30-7, 8028-68-0 (phenobarbital); 57-41-0, 630-93-3 (phenytoin);  
51-06-9, 614-39-1 (procainamide); 7647-14-5 (sodium chloride); 58-55-9,  
5967-84-0, 8055-07-0, 8061-56-1, 99007-19-9 (theophylline); 1404-90-6,  
1404-93-9 (vancomycin); 129-06-6, 2610-86-8, 3324-63-8, 5543-58-8,  
81-81-2 (warfarin)

**SECTION HEADINGS:**

017 Public Health, Social Medical and Epidemiology  
027 Biophysics, Bioengineering and Medical Instrumentation  
036 Health Policy, Economics and Management  
037 Drug Literature Index

28/5/14 (Item 5 from file: 73)

DIALOG(R)File 73:EMBASE

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02756717 EMBASE No: 1984025676

**The potential use of health care financing administration data sets for health care services research**

Lave J.; Dobson A.; Walton C.

United States

Health Care Financing Review ( HEALTH CARE FINANC. REV. ) (United States)  
1983, 5/1 (93-98)

CODEN: HCFRD

DOCUMENT TYPE: Journal

LANGUAGE: ENGLISH

Administrative **Record** Systems may be an overlooked source of data for health services **researchers** . Through its administration of the **Medicare** and **Medicaid Programs** , the Health Care **Financing** Administration (HCFA) routinely receives data on items such as its beneficiary population, providers certified to deliver care to its beneficiary population, providers certified to deliver care to the beneficiaries, the use of services and reimbursements to providers. This article introduces the reader to the HCFA data, it describes the most important data bases that are useful for **research** , their **relative** strengths and weaknesses and the extent to which they are available to outside users.

**MEDICAL DESCRIPTORS:**

\* **finance** ; \* **health care** ; \* **info** rmation pro cessing; \* **research**  
**medicare** ; united states; short **survey** ; methodology; economic aspect;  
organization and management; computer analysis; nonhuman

**SECTION HEADINGS:**

036 Health Policy, Economics and Management

28/5/15 (Item 6 from file: 73)  
 DIALOG(R) File 73:EMBASE  
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02255212 EMBASE No: 1982048373

**Decision making in relation to the type and location of care for children with terminal illness**

Edwardson S.R.  
 Univ. Minnesota, Minneapolis, MN United States  
 1980, (318 p.)  
 DOCUMENT TYPE: Journal  
 LANGUAGE: ENGLISH

This study explored the decisionmaking of parents and physicians in determining the type and location of care given to children in the terminal stages of illness with cancer. The formal proposition was that the choice of the type and location of terminal care for children with cancer can be explained by 1) the oncologist's attitudes toward the available alternative as revealed by his/her use of home or hospital care and pattern of use treatment, monitoring, and comfort measures in their terminal phase and 2) the parents' ability to reclaim their customary role of primary decisionmaker in matters that concern their minor children. A number of hypotheses were proposed to test whether concepts and findings related to decision theory, to decisionmaking in consequential situations, and to stress and crisis help to explain the choice of terminal care and treatment options. The subjects of study were the parents and physicians of children who were treated for cancer at Twin Cities hospitals and who died during a 38-month period. Some of these children received terminal care in the hospital. The others received terminal care at home under a Home Care Project of the University of Minnesota School of Nursing. The data for the study were gathered from hospital records of all subjects and from home care records and a survey of the parents and physicians of children enrolled in the Home Care Project. Questionnaire/interview instruments were designed especially for this study. Data collected by means of open-ended and relatively unstructured questioning methods in the Home Care Project were used to identify the range of information which seemed to have entered into the decisionmaking of parents and physicians. The findings suggest that the choice of type and location of terminal care was the second or third of a sequence of decisions. The first and crucial decision, from the parents' point of view, appears to have been the decision to give no further treatment. After that decision, most yielded to their child's request to be at home and their own desire to care for the child. While they were heavily dependent on the physician for technical decisions, they saw him or her as having only moderate influence on how they cared for the child when the technique had proven inadequate. For their part, physicians relied most heavily on technical or scientific criteria for stopping therapy. The physicians saw relatively few problems that could interfere with home care. But those they did see were more likely to be of a technical nature or a concern with the family's ability to cope. If they were influenced by factors such as the child's age, sex, place of residence, diagnosis, and other patient, family and disease characteristics measured in this study, they were not influenced in a systematic way. Discriminant function analysis revealed that variables under the physician's control (the physician's usual practice, the level of monitoring activity and supportive therapy, and decision to stop therapy) were the most important predictors of type of treatment and care in the terminal phase.

**MEDICAL DESCRIPTORS:**

\*child; \*decision making; \*terminal care

infant; preschool child; school child; adolescent  
SECTION HEADINGS:

036 Health Policy, Economics and Management

28/5/16 (Item 1 from file: 155)  
DIALOG(R) File 155:MEDLINE(R)

10960042 21035966 PMID: 11187474

**Extended applications with smart cards for integration of health care and health insurance services.**

Sucholotiuc M; Stefan L; Dobre I; Teseleanu M

ITC-Institute for Computers, 167 Calea Floreasca, 72321 Bucharest, Romania.

Studies in health technology and informatics (Netherlands) 2000, 77 p1010-4, Journal Code: CK1

Languages: ENGLISH

Document type: Journal Article

Record type: Completed

Subfile: INDEX MEDICUS

In 1999 in Romania has initiated the reformation of the national health care system based on health **insurance**. In 1998 we analyzed this system from the **point** of view of its IT **support** and we studied methods of optimisation with **relational**, distributed databases and new technologies such as Our objectives were to make a model of the information and services flow in a modern health **insurance** system, to **study** the smart card technology and to demonstrate how smart card can improve **health care services**. The paper presents only the smart cards implementations.

Tags: Human

Descriptors: Computer Communication Networks; \*Hospital **Records** ; \*Integrated Advanced **Information** Management Systems; \* **Medical Records** Systems, Computerized; \*National Health **Programs** ; Romania

Record Date Created: 20010118

28/5/17 (Item 2 from file: 155)  
DIALOG(R) File 155:MEDLINE(R)

09847816 98374497 PMID: 9346995

**Perinatal substance abuse: the impact of reporting infants to child protective services.**

MacMahon JR

Department of Pediatrics, Division of General Pediatrics, Stanford University School of Medicine, Palo Alto, CA 94304, USA.

Pediatrics (UNITED STATES) Nov 1997, 100 (5) pE1, ISSN 1098-4275

Journal Code: CZE

Languages: ENGLISH

Document type: Journal Article

Record type: Completed

Subfile: INDEX MEDICUS

OBJECTIVE: The purposes of this **study** were to follow the judicial placement of newborns with positive toxicology screening results and to determine how long such infants remained in foster care, separated from their mothers or other **relatives**, and the length of court dependency. We also determined the mothers' compliance with court orders, the availability and use of rehabilitative services, factors used by the court to determine the final disposition, and the eventual placement of the infants. METHODS: The cohort sample consisted of all infants from San Mateo County (CA) born at Stanford University Hospital during a 2-year period whose urine tests in the well-baby **nursery** were positive for illicit substances. Fifty-three newborns were identified, and their **medical records** and court documents

were matched and reviewed from birth until termination of judicial review (or 5 years). Data were summarized and analyzed by logistic regressions to identify predictors of specific outcomes. RESULTS: All 53 infants had normal physical examinations and uneventful hospital courses. Their ethnic distribution, with 68% being African-American and 7% being Hispanic, differed from the rest of the **nursery** population, which was predominantly Hispanic. Twenty-six (46%) of the 53 infants were returned to their mothers within 1 week of birth; 39 (76%) of the infants were reunited with some **relative** within the first month of life. At 12 months of age, 10 infants (19%) remained in foster care; however, none remained in foster care beyond 18 months. The length of time infants were dependents of the court ranged from 1 month to >5 years; 70% of the cases were "closed" between 6 and 30 months of life. Nine (17%) were dependents of the court for >36 months. Final placement of the infants was 35 (66%) reunited with at least one parent, 9 (17%) in long-term **guardianship relationships** with other **relatives**, and 9 (17%) adopted. All of the mothers were ordered to complete a drug rehabilitation **program**; 24 mothers (44%) fully complied and had repeatedly drug-free urine tests; 2 others (4%) had drug-free urine tests after incomplete participation in drug rehabilitation. Twenty-two (42%) of the mothers never complied with drug rehabilitation. Subsequent drug use was evident in less than half of the mothers during the period of **study**. Only one mother was reported for child abuse. Characteristics that most strongly predicted failure in family reunification were a **history** of failed drug rehabilitation, previous involvement of Child Protective Services, or previous removal of a child because of substance abuse. CONCLUSION: Identifying and reporting newborns exposed to maternal substance abuse during pregnancy can be associated with beneficial changes in the environment of the infants and successful rehabilitation of many mothers. The use of judicial supervision, rehabilitative and **supportive** services, and long-term involvement of social services without criminal prosecution are key to successful outcome. This **study supports** the policy and recommendation of the American Academy of Pediatrics and should lessen **health professionals'** concerns about negative effects of reporting these **patients** to Child Protective Services.

Tags: Female; Human; Pregnancy

Descriptors: Child Custody--statistics and numerical data--SN; \*Foster Home Care --statistics and numerical data--SN; \*Substance-Related Disorders--rehabilitation--RH; Follow-Up **Studies**; Infant, Newborn; Pregnancy Complications--diagnosis--DI; Retrospective **Studies**; Substance Abuse Detection; Substance-Related Disorders--diagnosis--DI

Record Date Created: 19980911

28/5/18 (Item 3 from file: 155)  
DIALOG(R) File 155:MEDLINE(R)

09786249 98291513 PMID: 9628043

**Invisible residents: the chronically mentally ill elderly in nursing homes.**

Sherrell K; Anderson R; Buckwalter K

Buehler Center on Aging, Northwestern University, Chicago, IL 60611, USA.

Archives of psychiatric nursing (UNITED STATES) Jun 1998, 12 (3)  
p131-9, ISSN 0883-9417 Journal Code: 6YR

Languages: ENGLISH

Document type: Journal Article

Record type: Completed

Subfile: INDEX MEDICUS

This article presents results from a retrospective **study** of psychological assessments of elderly persons with chronic mental illness residing in nursing homes. All residents (N = 570) received this assessment as part of federally mandated screening for mentally ill persons



Search report

residing in long-term care. The process, the Preadmission Screening and Resident Review, was mandated by the Omnibus Budget Reconciliation Act (OBRA 87). These assessments were the first stage in a process to determine if the nursing home was the most appropriate placement for each resident. If nursing home care was deemed appropriate, then a psychological treatment program was to be established within the nursing home setting. The sample ranged in age from 50 to 104 (mean of 70). The majority had a diagnosis of schizophrenia and a history of psychiatric hospitalization occurring early in their life. The assessments did not include any quantifiable data on activities of daily living, cognitive functioning, or level of psychiatric impairment. Therefore, the researchers coded the narrative data so that it could be interpreted. The majority functioned within the none-to-mild range of cognitive impairment, and very few were completely dependent in the need for physical care. The most recorded symptom was social withdrawal. Neuroleptic medications were administered to 64% of elderly persons with chronic mental illness. Importantly, there was no relationship between demographic or clinical information and treatment recommendations. Implications of these findings for psychiatric nurses are discussed.

Tags: Female; Human; Male; Support , Non-U.S. Gov't; Support , U.S. Gov't, P.H.S.

Descriptors: Mass Screening; \*Mental Disorders--diagnosis--DI; \* Patient Admission; Activities of Daily Living; Aged; Aged, 80 and over; Chronic Disease; Geriatric Assessment; Homes for the Aged; Mental Disorders--drug therapy--DT; Middle Age; Nursing Homes; Psychiatric Status Rating Scales; Psychotropic Drugs--therapeutic use--TU; Retrospective Studies

CAS Registry No.: 0 (Psychotropic Drugs)

Record Date Created: 19980706

28/5/19 (Item 4 from file: 155)  
DIALOG(R) File 155:MEDLINE(R)

08946903 96316818 PMID: 8704887

Linking clinical and public health approaches to improve access to health care for socially disadvantaged mothers and children. A feasibility study

Margolis PA; Lannon CM; Stevens R; Harlan C; Bordley WC; Carey T; Leininger L; Keyes LL; Earp JL

Department of Pediatrics, University of North Carolina at Chapel Hill, USA.

Archives of pediatrics & adolescent medicine (UNITED STATES) Aug 1996, 150 (8) p815-21, ISSN 1072-4710 Journal Code: BWF

Contract/Grant No.: 1-R01-HS-07106-01, HS, AHCPR

Languages: ENGLISH

Document type: Clinical Trial; Journal Article; Multicenter Study; Randomized Controlled Trial

Record type: Completed

Subfile: AIM; INDEX MEDICUS

OBJECTIVE: To test the feasibility of combining home- and office-based interventions to improve access to health care and health outcomes of Medicaid -eligible mothers and infants. DESIGN: Randomized trial in 2 counties in North Carolina (1 rural, 1 urban). Information on health and developmental outcomes was obtained by face-to-face interviews, medical chart abstractions, hospital medical records, and state data tapes. PARTICIPANTS: Ninety-three Medicaid -eligible first-time pregnant women in their third trimester and their subsequently born infants, who were followed up until they were 6 months old, and 3 pediatric practices and 1 family practice. INTERVENTIONS: Coordinated home visit and office intervention, office intervention, and usual care. Home visits by 3 public health nurses provided parental education and social support and linked

families with needed community resources. Women in the office intervention group were encouraged to seek health care for their infants from one of the primary care practices. Participating offices received **assistance** with **Medicaid** billing, help developing a system to improve preventive care, and **customized patient** education materials. RESULTS: Mothers reported that the **nurses** helped them in areas related to the content of the **program**. An office system for prevention was developed and implemented in all 4 practices for **study patients**. Families in the intervention groups were more likely than control families to have had a prenatal visit with a pediatrician ( $P = .01$ , chi 2), a primary care office as the regular source of sick care ( $P = .02$ , chi 2), and less waiting time ( $P = .02$ , Student t test). They were also more likely to recall receiving **patient** education materials ( $P = .007$ , chi 2). CONCLUSIONS: It is feasible to link clinical and public health approaches to improve the quality and effectiveness of care for socially disadvantaged children. Such interventions should be tested in defined populations.

Tags: Female; Human; Pregnancy; **Support**, Non-U.S. Gov't; **Support**, U.S. Gov't, P.H.S.

Descriptors: Child Health Services--organization and administration--OG; \*Health Services Accessibility; \*Maternal Health Services--organization and administration--OG; \* **Medicaid** --organization and administration--OG; \*Public Health Nursing--organization and administration--OG; Feasibility **Studies**; **Home Care** Services--organization and administration--OG; Infant, Newborn; Interinstitutional **Relations**; North Carolina; Office Visits; Rural Health; Treatment Outcome; United States; Urban Health

Record Date Created: 19960910

28/5/20 (Item 5 from file: 155)  
DIALOG(R) File 155:MEDLINE(R)

08874579 96237926 PMID: 8642153

**A home-based exercise program for nondisabled older adults.**

Jette AM; Harris BA; Sleeper L; Lachman ME; Heislein D; Giorgetti M; Levenson C

New England Research Institutes, MA 02172, USA.

Journal of the American Geriatrics Society (UNITED STATES) Jun 1996,  
44 (6) p644-9, ISSN 0002-8614 Journal Code: H6V

Contract/Grant No.: AG09715, AG, NIA; AG11669, AG, NIA

Languages: ENGLISH

Document type: Clinical Trial; Journal Article; Randomized Controlled Trial

Record type: Completed

Subfile: INDEX MEDICUS

OBJECTIVES: This paper describes a videotaped, home-based, strength training **program**, titled Strong-for-Life and reports on its effectiveness in improving muscle strength, psychological well-being, and health status in a sample of older persons. DESIGN AND SETTING: We enrolled 102 nondisabled, community-dwelling older people aged 66 to 87, identified from the **Medicare** beneficiary list, into a randomized, controlled trial. MEASUREMENTS: Effectiveness was based on change in isokinetic upper and lower extremity muscle strength, psychologic well-being, and health status. RESULTS: Results revealed several statistically significant short-term benefits after 12 to 15 weeks of exercise, especially for men. Younger older adults demonstrated a 10% improvement in knee extensor strength **relative** to control **subjects**. Older male exercisers achieved significant differences **relative** to controls in perceived anger, tension, and overall social functioning. Male exercisers, in general, achieved significant improvement in perceived vigor. Women did not report psychological benefits following participation in the **program**. CONCLUSION: **Study** results reveal that the Strong for Life **program**,

designed to be widely disseminated to the nondisabled older population, has many short-term positive benefits.

Tags: Female; Human; Male; **Support** , U.S. Gov't, P.H.S.

Descriptors: Exercise Therapy--methods--MT; \*Health Status; \* **Home Care** Services; Affect; Age Factors; Aged; Aged, 80 and over; Geriatric Assessment; Mental Health; **Patient** Compliance; **Program** Evaluation; Sex Factors; **Treatment** Outcome; Videotape **Recording**

Record Date Created: 19960712

28/5/21 (Item 6 from file: 155)  
DIALOG(R) File 155:MEDLINE(R)

00208229 85005563 PMID: 10268294

**Health services utilization and costs of care in terminal cancer: implications for hospice programs .**

McCusker J; Brudevold C

Home health care services quarterly (UNITED STATES) Summer 1984, 5  
(2) p61-74, ISSN 0162-1424 Journal Code: GJ6

Languages: ENGLISH

Document type: Journal Article

Record type: Completed

Subfile: Health Administration

This **study** examines utilization of health services and costs of care for cancer **patients** during the last 6 months of life broken down into 3 time periods, and the **relationship** with costs of **patient** characteristics and **home care** /home hospice use. The data were derived from a retrospective **study** of a random sample of 133 adult cancer deaths in Monroe County. Data sources included review of **medical records** , including hospital billing **records** , and interviews with **physicians** and surviving **relatives** . Sixty five **patients** (49%) used **home care** services; their total costs of care were somewhat higher than those of non-users even after controlling for age, marital status and length of the terminal care period. The implications of the upcoming hospice legislation are discussed in the light of these results.

Tags: Comparative **Study** ; Human; **Support** , Non-U.S. Gov't

Descriptors: **Home Care** Services--economics--EC; \*Hospitalization --economics--EC; \*Neoplasms--economics--EC; \*Terminal Care--utilization--UT ; Costs and Cost Analysis; Data Collection; Fees and Charges; Hospices --economics--EC; Neoplasms--therapy--TH; New York.

Record Date Created: 19841119

28/5/22 (Item 1 from file: 34)  
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.

01944598 Genuine Article#: JN257 Number of References: 13

Title: **UNIVERSAL INSURANCE FOR AMERICAN HEALTH-CARE - A PROPOSAL OF THE AMERICAN-COLLEGE-OF- PHYSICIANS**

Author(s): SCOTT HD; SHAPIRO HB

Corporate Source: AMER COLL PHYSICIANS, DIV HLTH & PUBL POLICY, INDEPENDENCE MALL W, 6TH ST & RACE/PHILADELPHIA//PA/19106

Journal: ANNALS OF INTERNAL MEDICINE, 1992, V117, N6 (SEP 15), P511-519  
ISSN: 0003-4819

Language: ENGLISH Document Type: ARTICLE

Geographic Location: USA

Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences; CC CLIN--  
Current Contents, Clinical Medicine

Journal Subject Category: MEDICINE, GENERAL & INTERNAL

Abstract: The American College of **Physicians** calls for major reform of

the American health care system. The College proposes universal health insurance covering everyone.

1) Assuring access to care through a universal insurance system that relies on employer and publicly sponsored insurance plans- All public programs for health care would be consolidated, and everyone would be guaranteed coverage, funded through a combination of private premiums and public revenues.

2) Assuring high-quality and comprehensive health care through coverage of all medically effective services that are appropriate for a particular patient .

3) Promoting innovation and excellence through enhancing the crucial institutional underpinnings of excellence in medical care-research , education, and medical information management.

4) Controlling costs through a national health care budget, with a mixture of centralized and decentralized mechanisms to influence the price, volume, supply, and demand for health care services .

The College offers a conceptual outline for reform; important details such as financial projections must be developed and tested over the next several years

Descriptors--Author Keywords: INSURANCE , HEALTH ; HEALTH SERVICES ACCESSIBILITY ; NATIONAL HEALTH INSURANCE , UNITED-STATES ; DELIVERY OF HEALTH CARE ; COST CONTROL ; ETHICS, MEDICAL

Research Fronts: 90-0229 001 (COMPUTER-BASED AMBULATORY MEDICAL RECORD SYSTEM; FULL-TEXT INFORMATION-RETRIEVAL; USER MODELS; PRIMARY CARE; PRESCRIBING BEHAVIOR)

90-5282 001 (HEALTH-CARE SYSTEM; PHYSICIAN PAYMENT; HARVARD RESOURCE-BASED RELATIVE VALUE SCALE; UNIVERSAL ACCESS; MEDICARE REFORM)

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28/5/23 (Item 2 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.

01418202 Genuine Article#: GX608 Number of References: 22

Title: UTILIZATION OF HEALTH-SERVICES IN A COHORT OF INTRAVENOUS-DRUG-USERS WITH KNOWN HIV-1 SEROSTATUS

Author(s): SOLOMON L; FRANK R; VLAHOV D; ASTEMBORSKI J

Corporate Source: JOHNS HOPKINS UNIV, SCH HYG & PUBL HLTH, DEPT EPIDEMIOLOG, 624 N BROADWAY, ROOM 763/BALTIMORE//MD/21205; JOHNS HOPKINS UNIV, SCH HYG & PUBL HLTH, DEPT HLTH POLICY & MANAGEMENT/BALTIMORE//MD/21205

Journal: AMERICAN JOURNAL OF PUBLIC HEALTH, 1991, V81, N10 (OCT), P

1285-1290

Language: ENGLISH Document Type: ARTICLE

Geographic Location: USA

Subfile: SocSearch; SciSearch; CC LIFE--Current Contents, Life Sciences; CC CLIN--Current Contents, Clinical Medicine; CC SOCS--Current Contents, Social & Behavioral Sciences

Journal Subject Category: PUBLIC HEALTH

**Abstract:** Background. Intravenous drug users (IVDUs) with human immunodeficiency virus (HIV) infection and AIDS often have no health **insurance** or rely on public **programs** to **finance** their health care. We examined the independent contributions of HIV serostatus, clinical symptoms, CD4 cell counts, and health **insurance** to utilization of health services among 1881 intravenous drug users in Baltimore, Maryland.

**Methods.** Participants in an ongoing natural **history study** of HIV were informed of HIV serostatus and seropositives were informed of CD4 cell counts; 6 months later, participants were administered a **questionnaire** concerning self-**reported** use of **health** services, **insurance** coverage, and HIV-related symptoms.

**Results.** Of 1881 participants, 67% had health **insurance** (including **Medicaid**), 48% had at least one outpatient visit, and 12% had at least one inpatient visit within the prior 6 months. The proportion of the **study** population that was HIV-1 seropositive was 32%. In multivariate analysis, the single most important predictor of health care utilization was the presence of two or more HIV-related clinical symptoms. HIV positive serostatus alone or known low CD4 counts were not significantly associated with use of **health care services**.

**Conclusions.** These data suggest that HIV seropositive IVDUs are not receiving recommended preventive care. Additional efforts will be needed to ensure that HIV-seropositive drug users participate in currently recommended protocols for early treatment of asymptomatic HIV-1 infection.

Identifiers--KeyWords Plus: CONTROLLED TRIAL; UNITED-STATES; MEDICAL-CARE; AIDS; INFECTION; RISK

Research Fronts: 90-0229 001 (COMPUTER-BASED AMBULATORY **MEDICAL RECORD** SYSTEM; FULL-TEXT INFORMATION-RETRIEVAL; USER MODELS; PRIMARY CARE; PRESCRIBING BEHAVIOR)

90-0616 001 (PNEUMOCYSTIS-CARINII PNEUMONIA; **PATIENT** RECEIVING AEROSOLIZED PENTAMIDINE PROPHYLAXIS; OPPORTUNISTIC **AGENTS** IN BRONCHOALVEOLAR LAVAGE)

90-1009 001 (AIDS PREVENTION; RISK BEHAVIOR AMONG INTRAVENOUS-DRUG-USERS; HUMAN-IMMUNODEFICIENCY-VIRUS INFECTION; HIV SEROPREVALENCE)

90-1299 001 (GENITAL HERPES; SEXUALLY-TRANSMITTED DISEASES; GLOBAL EPIDEMIOLOGY OF HIV-INFECTION; AIDS IN UGANDA)

90-3805 001 (HUMAN-IMMUNODEFICIENCY-VIRUS INFECTION; HIV RISK; AIDS EPIDEMIC; PARTNER NOTIFICATION)

90-6444 001 ( **INDIVIDUAL** DATA; SELECTIVITY MODEL; YOUNG WORKERS; HOUSING SERVICES)

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# Search report

S1 352931 (MEDICINE? OR MEDICAL OR HEALTH OR TREATMENT OR THERAPY OR THERAPIES OR CARE) (2N) (RECORD? OR DOCUMENT? OR FILE? OR REPORT? OR BRIEF? OR INFORMATION) OR EMR

S2 6429447 PATIENT? OR INVALID OR SUBJECT? OR (SICK OR ILL) ( ) PERSON? - OR INDIVIDUAL OR PERSONAL OR PRIVATE?

S3 7904043 (THIRD OR 3RD OR OUTSIDE) ( ) (PARTY OR PARTIES) OR FRIEND? OR FAMILY ( ) MEMBER? OR RELATIVE? OR RELATION? OR LAWYER? OR ATTORNEY? OR ADVOCATE? OR GUARDIAN? OR AGENT? OR CUSTODIAN? OR REPRESENTATIVE?

S4 3435572 HEALTH (2W) (PROFESSIONAL? OR PROVIDER?) OR DOCTOR? OR PHYSICIAN? OR MD OR NURSE? OR RN OR LPN OR CLINICIAN? OR SPECIALIST? OR THERAPIST? OR LAB? ( ) TECHNICIAN? OR PHARMACIST? OR DRUGGIST? OR INSURANCE OR HMO OR PPO OR MEDICAID OR MEDICARE

S5 6630282 PROFILE? OR HISTORY? OR RECORD? OR TARGET? OR CUSTOMIZ? OR (INDIVIDUAL OR PERSONAL) ( ) (SPECIFICATION? OR GOAL? OR OBSERVATION? OR ADVISE OR ADVICE OR RECOMMEND?)

S6 15440377 AD OR ADS OR ADVERT? OR PUBLIC? OR PLACARD OR COMMERCIAL - OR PROMO? OR BANNER? OR CATALOG? OR DESKTOP ( ) BRAND? OR POPUNDER OR POPUP OR POP ( ) (UNDER OR UP) OR COMMERCIAL ( ) (MESSAGE? OR SPOT?) OR SUBSICIZ? OR SUPPORT? OR FINANC? OR ASSIST?

S7 6223423 QUESTIONNA? OR SURVEY? OR INQUIR? OR STUDY OR STUDIES OR CANVASS? OR POLL OR POLLS OR RESEARCH? OR INVESTIGAT?

S8 9205304 INCENTIVE? OR INDUCEMENT? OR ENCOURAGEMENT? OR LURE? OR BONUS OR POINT? OR AWARD? OR PREMIUM? OR REWARD? OR PROGRAM? OR COUPON?

S9 2875233 TELEMEDICINE OR (LONG ( ) DISTANCE OR REMOTE) ( ) MEDICINE OR TELECOMMUNICAT? OR HEALTH ( ) CARE ( ) SERVICE? OR (OFF ( ) SITE OR OFFSITE) ( ) DATABASE? OR TELEHEALTH OR TELEHEALING OR TELE ( ) (HEALTH OR HEALING OR MEDICINE) OR HOME ( ) CARE

S10 28 S1 (S) S2 (S) S3 (S) S4 (S) S5 (S) S6 (S) S7 (S) S8 (S) (S9 OR S10)

S11 77538 S1 (S) (WWW OR W ( ) W ( ) W OR WORLDWIDE ( ) WEB OR WORLD ( ) WIDE ( ) WEB OR INTERNET OR ONLINE OR ON ( ) LINE OR COMMUNICAT? OR (CONNECTED OR COMPUTER) ( ) NETWORK? OR ELECTRONIC OR DIGITAL)

S12 315 S11 (S) (S3 OR S4) (S) S6 (S) S7 (S) S5 (S) S8

S13 269 S12 (S) S2

S14 26 S10 NOT PY>2000

S15 22 S14 NOT PD>20000324

S16 131 S11 (S) S3 (S) S4 (S) S6 (S) S7 (S) S5 (S) S8

S17 112 S16 NOT S10

S18 80 RD (unique items)

S19 77 S18 NOT PY>2000

S20 73 S19 NOT PD>20000324

File 275:Gale Group Computer DB(TM) 1983-2002/May 07  
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15/3,K/1 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01410239 Supplier Number: 46577452 (USE FORMAT 7 FOR FULLTEXT)  
**HEALTHWORLD ONLINE TEAMS UP WITH PACKARD BELL IN INTERNET VENTURE**  
News Release, pN/A  
July 29, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 770

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Internet (<http://www.healthy.net>), has formed a strategic alliance with Packard Bell, the leading supplier of **personal** computers in the US mass retail channel and fourth largest computer company in the world, announces HealthWorld Online President Dave Robertson. As a result of this alliance, HealthWorld Online's **award**-winning site is now available to Internet users and purchasers of new Packard Bell Platinum Series **Personal** Computers (PC's), through Planet Oasis, one of the Internet-rich software bundles that is pre-loaded...

...PC's. "HealthWorld Online has the kind of global reach - as well as the kind of user- **friendly health information** - that Packard Bell was looking for," says Robertson. "Since our goal in creating our Four-Star, Top-40 Internet site is to disseminate reliable natural **health information** to internet users across the world, our strategic alliance with Packard Bell makes good business." Planet Oasis...

...city blocks featuring centers of entertainment, science, art, sports and education - and HealthWorld Online, the hub of **health information**. According to Lora Loftis, project manager at Ark Interface, Packard Bell's goal in designing Planet Oasis...

...focus on all aspects of family health, from pediatrics to geriatrics. By virtue of its depth of **health information**, HealthWorld Online is an ideal addition to the already impressive list of Planet Oasis participants - CNN, Youth...

...wellness. HealthWorld Online's President, Dave Robertson, sees the creation of alliances with other information-access and **telecommunications** businesses as an important strategic direction for his business - and a model for the industry. "We are...

...the increasingly crowded Internet." "Since our corporate revenues are based on traffic," he adds, "both to attract **advertisers** and to **support** vendors in our health marketplace - alliances of this nature that spotlight our site and direct thousands of...

...to our marketing arsenal, and sets us apart from others that may lack strategic vision." For natural **health information** - from both the latest scientific **research** and from the world's most venerated healing traditions - HealthWorld Online is the most comprehensive site on the Internet, and the only site that completely integrates conventional and natural **health information** - to give users the broadest choice when making **personal** health decisions. Since its debut in March, HealthWorld Online has received accolades from consumers, **health professionals** and the media. Articles including or featuring HealthWorld Online have appeared in the NEW YORK TIMES, LOS...



...and "Net appeal." HealthWorld Online is unique in its depth of information. Eleven major information centers covering **subjects** such as healing, nutrition, wellness and self-help, provide more than 15,000 pages of authoritative content, on all aspects of natural **health**. This **information** is **targeted** to both consumers and healthcare professionals, and is fully searchable by both key word and concept.

15/3,K/2 (Item 1 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
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04059528 Supplier Number: 54028795 (USE FORMAT 7 FOR FULLTEXT)

**SPECIAL: 97-1998 Index Issue.**

Health Industry Today, pNA

Dec, 1998

Language: English Record Type: Fulltext

Document Type: Newsletter; Professional Trade

Word Count: 5174

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...deal with Agfa. Feb 98:14. Acuson issues CE credits. Aug 98:13. ADAC Labs wins Baldridge **award**. Jan 97:14. ADM Tronics closes acquisition of SofPulse device. Oct 98:15. Advanced NMR Sys. to...

...Oct 97:14. American Bio Medica Corp. signs pact with Abbott. Sept 98:14. American College of **Physicians** to merge with American Society of Internal Medicine. Oct 97:14. American College of Surgeons moves. Feb...

...with Mexican distributor. Oct 98:14. American Society of Internal Medicine approves merger with American College of **Physicians**. Feb 98:14. Angeion in cross-licensing deal with St. Jude. July 97:15. Aquintel licenses Davol...Mar 98:14. Graphic Controls acquires AmCare Inc. Mar 97:15. Greatbatch Scientific names BioVector exclusive sales **agent**. Aug 98:13. Griffith Micro Science in venture with MDS Norton. Sept 97:12. Guidant, Mallinckrodt in...

...acquires Jacobson Supply. May 98:12. Hardwood Products acquires product line from Spectrum Labs. July 97:14. **Health Care Information** Systems signs with Tri-anim. Apr 97:14. HealthCare Purchasing Partners purchasing volume rises. Mar 98:14...

...Medical. Dec 97:8. Henley Healthcare completes Garvey acquisition. Mar 98:15. Henley Healthcare completes sale of **home care** division. Sept 98:15. Henry Schein acquires Bedsole Medical Cos. Aug 98:12. Henry Schein acquires Dentrix...Red Cross. May 97:16. Orthofix in pact with Howmedica. Jun 98:14. Owens & Minor in pilot **program** at Iowa's Mercy Med Center. Apr 98:15. Pall Corp. reorganizes. Oct 98:15. Palomar in...

...Quest Medical to sell cardiovascular and I.V. fluid division to Atrion. Feb 98:14. Quidel to **promote** P&G test. Mar 97:15. Quinton Instrument acquired by investor group. Aug 98:12. Reckitt & Colman...

...German unit grants option to acquire rights to Siemens MSI. Jan 97:14. Siemens, Imatron in service **support** agreement. Aug 97:12. Siemens in alliance with Picis Inc. Aug 97:13. Siemens in licensing pact...

...Seattle Systems. Jan 98:15. Siemens in supply agreement with Toshiba. May 97:16. Siemens Medical launches **catalog** business. Mar 97:14. Siemens named top vendor by Shared Services ...Survival Technology, Brunswick

Biomedical, complete merger. Jan 97:14. Synernet in deal with MedEcon. Aug 98:13. **Target** acquisition gives Boston Scientific big lead in neuroradiology. Apr 97:15. Thermo Cardiosystems acquires Nimbus Medical. Feb...

...acquires PCI Medical. Mar 97:15. Trimline purchases PyMaH line from 3M. Aug 97:12. UARCO, United **Ad** Label in strategic partnership pact. Dec 97:8. Universal Hospital Services to be acquired by investment group...

...Jan 97:15. Varian in marketing pact with NOMOS Corp. Aug 97:12. Varian in service and **support** deal with GEMS. Nov 97:12. Varian moves forward with spin-off plans. Oct 98:15. Varian...

...14. Welch Allyn, Midmark move ahead with Office of Future plans. Aug 98:13. Welch Allyn signs **private** label deal with Protocol Systems. July 97:15. Welch Allyn to acquire Schiller America. Mar 98:15...  
...fit." July 97:7. Market for remanufactured capital equipment in boom period. Mar 98:9. Pulse of **patient** monitoring segment appears strong. May 97:1. Small arms race: OEC Medical launches latest upgrade, dual mode...ICD candidates. Aug 98:3. Medtronic trumpets aortic tissue valve breakthrough with Freestyle launch. Jan 98:5. **Research** medical buy positions Baxter in minimally invasive heart surgery segment. Jan 97:3. Reworked deal saves St ...

...St. Jude sells Asia-Pacific Medtel unit. July 97:3. St. Jude's Ventritex acquisition imperiled by **patient** deaths. Apr 97:3. Stents again grab spotlight at 1998 American College of Cardiology meeting. May 98...

...5. Telectronics makes comeback, of sorts. Dec 97:3. Thermo Cardiosystems off to running start with heart- **assist** device. Nov 98:4. Vista CardioThoracic takes bullish view of minimally invasive cardiac surgery. Jan 98:5...

...with Kaiser. Dec 97:4. Acuson signs contract with Univ. of Maryland. May 98:13. Agfa gains **award** from DoD. Feb 98:8. Agfa sells IMPAX network to Unic. of Maryland. Jun 98:7. Agfa...

...6. A.L.I. sells UltraPACS to Kaiser. Mar 98:6. Alternate Site Distributors signs with Affiliated **Physicians** Network. Nov 97:5. American BioMed signs with JPC. Mar 97:8. America Service Group signs with...

...installs system in The New York Hospital. Feb 97:7. Eastman Kodak signs exclusive pact with American **Physician** Partners. Jan 98:9. Eastman Kodak signs

15/3,K/3 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04055659 Supplier Number: 53537571 (USE FORMAT 7 FOR FULLTEXT)  
**Kaiser to Spend \$90 Million In 1998 Alone on Year 2000 Fixes.**  
Managed Care Week, pNA  
Dec 21, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 2624

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
Kaiser Permanente, as both a provider and an **HMO**, will spend over \$90

million in 1998 alone to identify and fix year 2000 compliance problems in critical information systems and technical equipment. The national **HMO** chain wouldn't reveal what total expenditures might be by the end of 1999 (see related chart...

...year-end 1998. And 60% of 17 million lines of midrange systems codes on multiuser computer systems **supporting** hundreds of terminals are or will be complete by year's end, says Claire Holmes, manager of...

...but all will be fixed by the end of 1999. All 70 M-technology software to maintain **patient records** have been inventoried and will be compliant by year-end 1999. About 12,000 communications network elements...

...HEAD, TABLE TEXT, TABLE TEXT, TABLE TEXT Cost of Fixing Year 2000 Computer Glitch for Publicly Traded **HMO** Firms, +, +, + TABLE INTRO, TABLE TEXT, TABLE TEXT, TABLE TEXT The Securities and Exchange Commission has begun requiring...

...12 million through Sept. 30, At least \$24 million, Has begun remediation of internally developed software and **third - party** software applications. Intends critical mainframe systems and components to be modified by early 1999. Will monitor processing...

...1999. Mid Atlantic Medical Services,, Inc., Less than \$200,000, Not available, Has modified most of 182 **programs** out of 1,300 software **programs** needing modification. Testing and validation under way. Oxford Health Plans,, Inc., \$5.1 million through Sept. 30 **programming** were ready in September. Remaining COBOL **programs** to be ready by March 31,, 1999. All other modifications to be done by Sept. 30,, 1999...

...5 million for current operations plus \$8 million to \$10 million for the recently acquired Kaiser Texas **HMO** ., Replacement/renovation phases and testing /validation phases to be 50% complete by year-end 1998 and 100...

...United HealthCare Corp., \$25 million, \$79 million, Has completed 96% or more of hardware,, operating system and **supporting** software remediation on two primary mainframe computer systems. Is modifying smaller mainframe systems. Expects to be 100...

...in 1999, To continue and complete remediation and internal testing efforts in first-quarter 1999,, and undergo **third - party** review of remediation efforts in second-quarter 1999. SOURCE, TABLE TEXT 2, TABLE TEXT 2, TABLE TEXT...

...over the next several years. They are: (1) facing the millennium; (2) changing business strategies, products and **relationships** ; (3) changing legislation; (4) changing technology; and (5) IT staffing. Facing Year 2000 Is Biggest Expense At...

...the health care industry is the cost of resolving the year 2000 limitations of existing systems. A **study** by The Kennedy Group found health systems are allocating \$6 billion to \$7 billion to resolve Y2K...

...care organizations have addressed it. Budgetary constraints, other business priorities and denial have postponed finding solutions. Recent **surveys** continue to report 80% to 90% of health care organizations are still in the early stages of...

...along than providers, but most have a long way to go. For health plans with established vendor- **supported** systems, Y2K solutions may be somewhat less costly as vendors bear some of the brunt of reprogramming...

...and staff are able to focus on planning systems upgrades as they address other nonsupported systems and **customized** interfaces, where Y2K bugs still loom. Most health plans have some mix of vendor and custom packages and, thus, some mix of year 2000 challenges. Health plans with custom, in-house **supported** systems face significant IT investment in internally and externally contracted **programming support**. Regardless of the system environments, huge expenditures over the next year must continue to be **targeted** toward year 2000 solutions. A second critical driver of health plan IT spending is the dynamic health...

...business strategies for expanding operations and geographic scope, increasing product offerings and broadening delivery systems with shared **financial** risk. Recognizing the importance of IT **support** for these business strategies, managed care organizations like Allina in Minneapolis are allocating between \$50 million and...

...operating expenditures over the next 10 years for information systems improvement. Their key focuses include: Data to **support** business decisions. Data is seen, more than ever, as a critical asset. Managed care plans must invest substantial dollars and resources to gather data from older and more obstinate file structures of **financial**, clinical and operational transactional systems. Then plans must consolidate and transform data into usable, accessible information to **support** business decisions. Plans are spending significant sums on buying technology and tools for implementing enterprise data warehouses and repositories. Data warehouse projects cost an average \$3 million for implementation alone. System functionality to **support** new entities and products. Mergers in the health care industry continue at a rapid pace. In 1997...

...stayed on course in 1998. Integrating systems following mergers and acquisitions requires large IT investments for conversion **programming**, **support** of multiple platforms, interface development, expanded communication capabilities for site linkages and multiple system license fees. Expanding...

...systems. Entire system replacements such as the Blue Shield of California's move to HSD's managed **care information** system are common. Major new system purchases for product expansion, such as the Erisco system that Blue...even further changes to processes, benefit plans and products by insurers and to the IT systems that **support** them. For example, the demand for more responsive utilization review/authorization time and less paperwork is driving...

...These changes also require greater access to systems and data by consumers. Allina, through its Health Village **program**, has developed an active approach to customer service using e-mail. **Patients** can ask their **physicians** questions via e-mail and can access the medical library for **personal research**. Prudential HealthCare, Blue Shield of California and many other insurers are modifying benefit plans and provider contracts to simplify the medical referral process and allow direct access to **specialists**. Some technology companies are working with health plans to set up more innovative solutions. For example, Healtheon...

...and IT budgets. Legislation Forces Change Information standards, public policies under federal laws, and the security of **personal health information** have become the foundation of the new national **health care information** infrastructure. Managed **care** plan compliance with the Health **Insurance** Portability and Accountability Act of 1996 and the Balanced Budget Act require major changes and enhancements to...

...of most health plan interfaces with providers and other communication partners. (2) Content and structure standards for **patient records** and clinical data sets. These will place new demands on database designs and data capture systems. (3) Codes and vocabularies (data representation) standards. Widely used in **health care** to **document** diagnoses and procedures ~ as well as for reimbursement and utilization review ~ this will require changes to all systems that use these codes. (4) Identifier standards that will provide unique identification of individuals, employers, **health plans** and **providers**. The goal is to facilitate exchange of information, improved access and quality, continuity of care, outcome measurements and population-based health services **research**. This again, will require major changes to all health care systems. (5) Privacy, confidentiality and security standards...

...New Technology, IT Staff Needs Technology has progressed greatly in the 1990s. Many solutions are available to **support** new plan initiatives. The first one is the vast use of the Internet via health plan Web...

...As the Internet grows exponentially, health plans will need to keep pace with investments in their own **commercial** Web sites. The Internet can also provide operations solutions, such as online referral and authorization. Another emerging...

...centers, which use advanced routing systems to direct calls. These systems will require ongoing IT investments as **telecommunications** evolves into newer, more reliable networks. High-technology document management systems is another. Document imaging and workflow...

...information resources ~ such as audio, video and graphics ~ provide a powerful communication tool for explaining issues to **patients**, though these technologies carry heavy price tags. The promise and proliferation of new technologies creates a heavy...

...and delivery systems are changing has health plans competing for IT staffing resources. Formal employee retention and **incentive** pay **programs** abound. But the market is so competitive that the demand for skilled staff increasingly outweighs supply. Some 56% of jobs for **health care information specialists** will go unfilled by year 2000. With health care IT salaries 15% below national averages, health plans...

15/3,K/4 (Item 3 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04021524 Supplier Number: 53255803 (USE FORMAT 7 FOR FULLTEXT)  
-U.S. HHS: Natl Library of Medicine supports projects to speed life-saving treatment for heart attacks.  
M2 Presswire, pNA  
Nov 23, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1308

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
M2 PRESSWIRE-23 November 1998-U.S. HHS: National Library of Medicine supports projects to speed life-saving treatment for heart attacks  
(C)1994-98 M2 COMMUNICATIONS LTD RDATE:201198 Heart **specialists** talk about a so-called "golden hour" immediately after a heart attack. This "eternity in an hour" is the crucial time when a clot-dissolving **agent**

can significantly improve the victim's chances for survival. Although the efficacy of these **agents** has been known for years, only a fraction of those suffering a heart attack receive this treatment...

...methods for dramatically improving the chances of surviving a heart attack are several, including delayed recognition by **patients** and bystanders that a person is having a heart attack, issues relevant to emergency transportation, and decisions...

...suffer a heart attack, the potential for saving lives is great. The National Library of Medicine, with **support** from the National Heart, Lung, and Blood Institute's National Heart Attack Alert **Program**, is funding 14 projects that will apply medical informatics techniques to see if this **record** can be improved. Medical informatics is the discipline that applies computer and information technologies to the problems...

...devised and their practicality in real-life situations." Milton Corn, M.D., Director of NLM's Extramural **Program** Division, said that the initiative is unusual because "it is uncommon in the U.S. to face...

...and full-scale implementation grants. A list of the projects follows. Computer-based, interactive, multi-media educational **programs** on early management of acute heart attack for emergency department personnel. Massachusetts General Hospital proposes to modify...

...Mequon, WI 53092 Phone: 414-290-6700; Fax: 414-290-6781  
Disease-management approach for high-risk **patients**. Utilizing a database of clinical **profiles**, WEB-based management aids, a case-manager, and provision of relevant **information** to **health care providers** as needed. Massachusetts General Hospital plans to provide a continuum of care spanning home, clinic, and hospital for **patients** at risk for heart attack. HENRY C. CHUEH, M.D. Laboratory of Computer Science Massachusetts General Hospital...

...Boston, MA 02114 Phone: 617-726-3909; Fax: 617-726-8481 Use of the web to provide **patients** and providers with access to their **medical records**. Columbia University intends to link **patients**, and, as needed, professional personnel, to the **patients' health care records** for education and to facilitate prompt, informed response to heart attack symptoms. JAMES CIMINO, M.D. Columbia...

...existing USC-ABBC rapid prototyping telehealthcare testbed to demonstrate revolutionary informatics for the National Heart Attack Alert **Program**; USC-ABBC plans to use medical informatics and advanced communication technology for education of **patients** /public, prehospital/paramedic practitioners, and **physicians** /healthcare workers. DAVID FAXON, M.D. University of Southern California Health Sciences Campus, CSC-219 2250 Alcazar...

...3671; Fax: 323-442-3672 UCLA intends to develop and evaluate a cardiac education module appropriate for **patients**, general practitioners, and remote **specialists**. HOOSHANG KANGARLOO, M.D. UCLA 1400 Ueberroth Bldg. Los Angeles, CA 90095-1406 Phone: 310-794-3539...

...rural emergency rooms. The University of Missouri at Columbia will develop a project that uses informatics and **telemedicine** to provide training for **physicians** in rural emergency departments and to connect such **physicians** to **specialists** at a medical center. PAT MCLAUGHLIN, M.D. University of Missouri - Columbia 310 Jesse Hall Columbia, MO NITZKIN, M.D. Engineering Management and Economics, Inc. 51 Monroe Street, Plaza Two West Rockville, MD 20850 Phone: 301-738-1045; Fax: 301-738-1421 Decision **support** to help **patients** assess their risks for myocardial infarction.

Brigham and Women's Hospital plans to create **patient** -centered, computer-based decision **support** systems to help **patients** assess their risks of heart attack, and to help **patients** and bystanders decide when to seek emergency care. LUCILLE OHNO-MACHADO, M.D., PH.D. Decision Systems...

...Fax: 801-581-4297 Public education by kiosk and Web. The BE ALERT project of New England **Research** Institutes, Inc. plans education about heart attacks and thrombolytic therapy by creating educational material for **patients** and **health** -care **providers** , using innovative electronic educational materials and emergency hotlines. STAVROULA OSGANIAN, M.D., PH.D. New England **Research** Institutes, Inc. 9 Galen Street Watertown, MA 02172 Phone: 617-923-7747; Fax: 617-926-4252 Pre...

...transport and treatment. HARRY P. SELKER, M.D., MSPH New England Medical Center Division of Clinical Care **Research** 750 Washington Street Boston, MA 02111 Phone: 617-636-6009; Fax: 617-636-8394 A new interactive...

15/3,K/5 (Item 4 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04021424 Supplier Number: 53255701 (USE FORMAT 7 FOR FULLTEXT)  
-UNITED HEALTHCARE: United expands treatment choices to members with cancer through a pilot program.  
M2 Presswire, pNA  
Nov 23, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1574

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...23 November 1998-UNITED HEALTHCARE: United HealthCare expands treatment choices to members with cancer through a pilot **program** (C)1994-98 M2 COMMUNICATIONS LTD RDATE:191198 The potential benefit of new cancer therapies now will be available to **patients** enrolled in health plans of United HealthCare Corporation (NYSE: UNH). The company's **Health Care Services** unit says that starting in January, it will begin paying for cancer clinical trials for eligible members nationally through the Clinical Trials Pilot **Program** . "This **program** offers choices of treatments to members suffering from cancer. Their participation in the trials, in turn, will help **researchers** find the best ways to prevent, detect or treat cancer," says Lee N. Newcomer, M.D., director...

...trials really is the only way to gauge whether a promising drug or treatment method will help **patients** ." Under the pilot United HealthCare will encourage eligible members to enroll in clinical trials. The trials will give cancer **patients** access to treatments that **researchers** believe are more effective than standard **therapies** and the **information** from these trials will identify best treatments for future **patients** . The new **program** is the result of an agreement between United HealthCare and the Coalition of National Cancer Cooperative Groups...

...the foundations of six Cooperative Groups sponsored by the National Cancer Institute. Over the last 25 years, **studies** sponsored by the Cooperative Groups have been responsible for most of the major advances in cancer treatment. "The Coalition was formed to ensure that cancer **patients** continue to have the opportunity to participate in clinical trials," says Robert L. Comis, M.D., coalition president. "So often **patients** and their **physicians** do not consider entering a clinical trial for treatment because

most managed care organizations and health care...

...United HealthCare is helping to change that and shows its commitment to its members through this pilot **program**. We anticipate it will be a great success not only for the Coalition and United HealthCare, but most importantly for the **patients**." "Only 2 percent of eligible cancer **patients** are enrolled in trials today," says Newcomer. "There may be many reasons for that, but we are removing the payment barrier. **Physicians** and **researchers** now have the challenge of increasing **patient** participation in these **studies**." United HealthCare will introduce the Clinical Trials Pilot **Program** in early 1999. Hundreds of members are expected to benefit. United HealthCare will pay for a member...

...the Coalition or by any one of the Cooperative Groups that make up the Coalition. The pilot **program** is offered to United HealthCare members but is not part of their benefit contract. Members' **physicians**, **nurses** and principal **researchers** will recruit **patients** into the trials. All trials, whether they are conducted in a **doctor**'s office, local medical center, cancer center, or university hospital, will be screened using criteria established by...

...the trial. "These clinical trials will follow rigorous scientific standards and undergo extensive peer review," says Newcomer. "**Physicians** will make sure members fully understand the risks and benefits of participation before they enroll." The Coalition's member groups are large contributors to the enrollment of approximately 20,000 **patients** in clinical trials each year. Among the groups in the Coalition, there are approximately 300 to 400 clinical trials taking place at any given time. These **studies** address a range of scientific questions in prevention, symptom control and treatment of all forms of adult and pediatric cancers. The Clinical Trials Pilot **Program** is another example of United healthcare's long-standing focus on improving people's health and well-being. In 1997, United HealthCare introduced Clinical **Profiles**, which provide **physicians** with important information about how their practice patterns compare with nationally accepted best practices in medicine. Another innovative **program** is Open Access, which allows members to see **specialists** without having to get a referral from a primary **physician**. Clinical Trials Pilot **Program** Q & A.1. What is United healthcare's Clinical Trials Pilot **Program**? This is a pilot **program** by United HealthCare to begin paying for clinical cancer trial treatments for eligible United HealthCare members. This pilot **program** is the result of an agreement between United HealthCare and the Coalition of National Cancer Cooperative Groups...

...United HealthCare doing this? \* To provide more treatment options for members. \* To encourage continuing high-quality cancer **research**. United HealthCare believes greater **patient** participation will lead to better **research** results, which in turn will uncover more effective cancer treatments and establish better care guidelines and outcomes...

...industry leader and set an example for other managed care companies and health insurers on ways to **support research** into the latest cancer therapies. 3. What is the Coalition? The Coalition of National Cancer Cooperative Groups...

...and Leukemia Group B (CALGB), North Central Cancer Treatment Group (NCCTG), National Surgical Adjuvant Breast and Bowel **Program** (NSABP), Radiation Treatment Oncology Group (RTOG), and Pediatric Oncology Group (POG). The Coalition's mission is to give cancer **patients** more opportunities to participate in clinical trials. Over the last 25 years Cooperative Group sponsored **studies** have been responsible for many of the



major discoveries in cancer therapies. 4. Which clinical trials will be included in the pilot **program** ? The pilot **program** includes all multi-institutional cancer trials sponsored by the Coalition or its Cooperative Group members. ...lung and prostate cancers because of the higher incidence of these diseases. 5. When will the pilot **program** begin? United HealthCare will introduce the Clinical Trials Pilot **Program** nationally by early 1999. We are awaiting the Coalition's completion of an Internet Web site for **patient** enrollment. 6. What are the guidelines for member participation in the pilot **program** ? This pilot **program** is open to members of any age who are cancer **patients** and who are enrolled in **commercial** , fully insured United HealthCare Select, United HealthCare Select Plus, United HealthCare Choice, United HealthCare Choice Plus or **Medicaid** products. Participants must get prior authorization from United HealthCare Medical Management and receive clinical trial services from pilot **program** providers. **Patients** will be fully informed of possible risks they might face by participating in a trial. Each **patient** or his or her **guardian** will be asked to sign a consent form indicating that he or she understands those risks prior to treatment. The pilot **program** is offered to United HealthCare members but is not part of their benefit contract. 7. How are **patients** recruited for the pilot **program** ? Members' **physicians** , **nurses** , and other **health professionals** will evaluate potential candidates for clinical trials and will contact United HealthCare Medical Management to request authorization. Members with cancer also can initiate the process by telling their **doctors** they would like to participate in the pilot **program** . 8. How are prospective **patients** identified? **Physicians** and **nurses** evaluate a **patient** 's potential to participate in a trial by using a system called an "eligibility checklist." This is...

...the Coalition that includes questions specific to each trial. The list establishes parameters to ensure that the **patient** receives suggested treatment in a controlled manner and that valid data will be collected for evaluating the therapy. United HealthCare Medical Management then confirms the eligibility of the member, the trial, and the trial **physician** to participate in the pilot **program** . 9. Which **physicians** are eligible? To participate in the pilot **program** , a pilot **program** provider must be contracted with United HealthCare and be a member of the Coalition or its participating Cooperative Group(s), or must sign a Pilot **Program** Limited Provider Agreement for the term of the trial. A pilot **program** provider is a **physician** , other **health professional** or a facility such as a hospital or laboratory. 10. How many members are expected to participate in the pilot **program** ? Hundreds of members nationwide could take advantage of the pilot **program** . Many more people, including those who are not United HealthCare members, will be in the trials. 11. How are appropriate clinical trials identified for participation in the pilot **program** ? Multi-institutional clinical cancer trials sponsored by the Coalition and its participating Cooperative Groups are eligible. These...

...Who determines the quality of each clinical trial? With established guidelines from the Office of Protection from **Research** Risks of the U.S. Department of Health and Human Services, review groups from the **individual study** centers will approve the protocols for their clinical trials. Institutional review boards review clinical **research** prior to **patient** participation in a clinical trial at any institution. The **Health Care Services** unit is part of United HealthCare Corporation ([www.unitedhealthcare.com](http://www.unitedhealthcare.com)), which provides a full spectrum of resources...

04020115 Supplier Number: 53246586 (USE FORMAT 7 FOR FULLTEXT)  
-THE WHITE HOUSE: Pres & Vice Pres -- supporting women & families --  
expanding economic opportunities.  
M2 Presswire, pNA  
Nov 20, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 2619

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

M2 PRESSWIRE-20 November 1998-THE WHITE HOUSE: Office of Communications --  
President Clinton and Vice President Gore -- **supporting** women and  
families -- expanding economic opportunities (C)1994-98 M2 COMMUNICATIONS  
LTD RDATE:171198 - Protecting Families. The...

...workers to take up to 12 weeks unpaid leave to care for a new baby or  
ailing **family member** without jeopardizing their job. Millions of  
workers have already benefited from FMLA since its enactment. The President

...Equity. Called on Congress to pass legislation to strengthen laws  
prohibiting wage discrimination. - Highest Homeownership Rate in **History** .  
There are more than 68 million American families who own homes, more than  
six million new homeowners...

...coverage, made pensions more secure for 40 million American workers and  
retirees, and simplified pension plan administration. **Promoting** new  
efforts to encourage retirement savings. - Saving Social Security First. In  
1999, nearly 60 percent of all...

...Security. CARING FOR OUR CHILDREN: - Extending Health Care to Millions  
of Children with the Children's Health **Insurance Program** (CHIP). This  
is the single largest investment in Health Care for children since 1965.  
The President fought...

...and assuring safety and quality. - Proposed the Largest Single  
Investment in Child Care in the Nation's **History** . Between FY93 and FY97,  
federal funding for child care increased by nearly 79 percent, providing  
child care...

...to Ensure Children Have Safe Medications. Unveiled an FDA regulation  
that protects children by requiring manufacturers to **study** appropriate  
dosage levels of drugs for pediatric populations. - Launched New Strategies  
to Reduce the High Rate of...

...births have fallen six years in a row, by 12 percent from 1991 to 1996.  
- Increased Child **Support** Collections by Nearly 70%. Signed into law the  
toughest child **support** crackdown in **history** . - Imposed Strict Measures  
to Keep Cigarettes out of the Hands of Our Children by restricting youth-  
**targeted advertising** ; and the FDA made 18 the minimum age to purchase  
tobacco products nationwide, requiring photo I.D Grade. More than 1000  
colleges have committed work- **study** students to tutor children in reading,  
and thousands of AmeriCorps members and senior volunteers are organizing  
volunteer...

...national test in 4th grade reading and 8th grade math. - Expanding  
Choice and Accountability in Public Schools. **Supported** increase of public  
charter schools, from only one charter school in the nation in 1993 to more  
than 1,000 charter schools this year. - **Promoting** National Service and  
educational opportunities through AmeriCorps. - Fought for Passage of

Education Tax Breaks to **Promote** Lifelong Learning. - Representing the largest single increase in higher education since the G.I. Bill, the Balanced...

...000, 30% larger than when the President took office. IMPROVING OUR NATION'S HEALTH: - Protected and Strengthened **Medicare**, Benefiting the 22 Million American Women Enrolled in **Medicare**. The Balanced Budget Act extended the life of the **Medicare** Trust Fund for at least a decade; expanded choices in health plans; and provided beneficiaries new preventive ...

...osteoporosis. The President has also put forth a new proposal that will provide greater access to health **insurance** for Americans ages 55 to 65, including an option to buy into **Medicare**. - Increased Funding for Breast Cancer **Research**. Since the President took office, funding for breast cancer **research**, prevention and treatment has doubled, from about \$275 million in FY 1993 to \$577 million in the...

...can now find a certified mammography facility by calling 1-800-4-CANCER. - Providing Protection with the **Patients**' Bill of Rights. The President is calling on Congress to pass Federally enforceable consumer health care protections that include: guaranteed access to needed health care **specialists** including direct access to an OB-GYN; access to emergency room services when and where the need arises; continuity of care protections to ensure that **patients**' care will not abruptly change if their provider is dropped; access to a timely internal and independent external appeals process for consumers to resolve their differences with their health plans; a limit on **financial incentives** to **doctors** to limit care and assurances that **doctors** and **patients** can openly discuss treatment options. Women are particularly vulnerable without these health care protections because they are greater users of **health care services**, they make three-quarters of the health care decisions for their families, and they have specific health care needs that are directly addressed by a **patients**' bill of rights. - Preventing Discrimination Based on Genetic **Information** Both by **Health Plans** and **Employers**. Urging Congress to pass bipartisan legislation to prohibit health plans from inappropriately using genetic screening information to deny coverage, set **premiums**, or to distribute confidential information. The President also has **supported** legislation that ensures that employers do not use genetic information to discriminate against employees. - Fought for Greater Health Security for America's Families. The President signed into law the Health **Insurance** Portability and Accountability Act which helps millions of Americans who move from one job to another, who are self-employed, or who have pre-existing medical conditions keep their health **insurance**. - Endorsed Legislation That Would Ban Drive-thru Mastectomies, allowing women to stay in the hospital at least...month-- from all 50 States, the District of Columbia, Puerto Rico, and the U.S. Virgin Islands. **PROMOTING** REPRODUCTIVE HEALTH SERVICES FOR WOMEN: - Reversed the "Gag Rule" limiting the information federally funded family planning clinics could give to women. - Greater **Support** for Family Planning. The President's FY99 proposal will increase Title X Family Planning grants by \$15...

...increase (15 percent) for the EEOC. Through increased use of mediation, improved information technology and an expanded **investigative** staff, the EEOC will reduce the average time for resolving **private**-sector complaints from over 9.4 months to 6 months and cut the backlog of cases from...

...the SBA approved nearly 50,000 loans to women entrepreneurs under the 7(a) and 504 loan **programs**. Last year alone, the Small Business Administration granted more than 10,000 loans, worth \$1.67 billion...

...percent of Schedule C positions are held by women. - Appointed the First

Women Ever to Serve as **Attorney** General, Janet Reno, and Secretary of State, Madeleine Albright. Including the **Attorney** General and Secretary of State, women make up 27 percent of the Clinton Cabinet: Alexis Herman, Secretary...

...Protection Agency; Janet Yellen, Chair of the Council of Economic Advisors; and Charlene Barshefsky, United States Trade **Representative** all serve in the President's Cabinet. - 30 Percent of All of the President's Judicial Nominees...

15/3,K/7 (Item 6 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03899848 Supplier Number: 50071541 (USE FORMAT 7 FOR FULLTEXT)  
-THE WHITE HOUSE: The White House names 17 as 1998-99 White House Fellows  
M2 Presswire, pN/A  
June 12, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 2778

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...the business sector, as well as a high school teacher, a pediatric orthopaedic surgeon, a Legal Aid **lawyer**, the executive director of a statewide non-profit organization, a former AmeriCorps **program** officer, and three military officers. The White House Fellows **Program**, established by President Lyndon B. Johnson in 1964, is America's most prestigious fellowship for leadership development...

...working hand-in-hand with leaders in the federal government. The Fellows also participate in an education **program** that includes off-the-**record** meetings with high-ranking government officials, scholars, journalists and cultural and **private**-sector leaders. This year, fewer than 1 in 16 of the hundreds of candidates who applied were...

...the President for appointment. The Fellows spend a year serving the President as full-time paid special **assistants** to members of the Cabinet and senior White House staff. The criteria for selection include remarkable achievement...

...the new class of Fellows come from business backgrounds at a time of heightened interest in public/**private** partnerships. The fellowship year will allow them to learn more about how the federal government works and the opportunities for **private** sector involvement in addressing public policy issues. Each Fellow was selected because he or she possesses the...

...member of President Clinton's Advisory Board on Race. To obtain an application for the 1999-2000 **program**, please write to the White House Fellows **Program**, 712 Jackson Place, NW, Washington D.C. 20503. Only U.S. citizens may apply, and employees of...

...if they are in the armed services. The application deadline is February 1, 1999, and the fellowship **program** runs from September 1 through August 31 of every year. The 1998-99 White House Fellows Pieter...

...Wethersfield, CT, Boelhouwer has a JD from Yale Law School. While at McKinsey, where he focuses on **information** technology and **health** care, he designed an innovative approach to connecting schools to home via the Internet to improve children...

...she is a faculty advisor to a student group on diversity and has set up an ethics **program** for the school's senior class. Wong is the co-director and teacher in her high school's Partners' **Program**, an academic summer school that serves low-income public students in the 7th-9th grades. She has...

15/3,K/8 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07196088 Supplier Number: 60047603 (USE FORMAT 7 FOR FULLTEXT)

**Chicago area's grad-level business study programs.**

Crain's Chicago Business, v23, pSR2

March 6, 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 3441

... of graduate admission Phone: (630) 617-3069 Web site:  
www.elmhurst.edu Tuition: \$410 per semester hour **Financial** aid:  
Guaranteed Student Loans; limited grant **assistance** based on need  
Degree/certificate **programs** : M.S. in computer network systems; M.A. in  
industrial/organizational psychology, professional writing; MPA in  
professional...

...of Technology Stuart School of Business 565 W. Adams St. Chicago  
60661-3691 Contacts: Lynn Miller, MBA **program**, (312) 906-6544; John  
Bilson, **finance**, (312) 906-6523; John Tarini, marketing communication,  
(312) 906-6535; George Nassos, environmental management, (312) 906-6543;  
Joel Goldhar, operations and technology management, (312) 906-6526; Zia  
Hassan, Ph.D. **program** in management science, (312) 906-6515 Web site:  
www.stuart.iit.edu Tuition: \$1,800 per course **Financial** aid: Tuition  
scholarships, loans, fellowships Degree/certificate **programs** : MBA with  
concentrations in **finance**, e-commerce, information management,  
international business, management science, marketing, operations  
management, organization and management, quality management, strategic  
management; M.S. in **finance**, environmental management, marketing  
communication, operations and technology management; Ph.D. in management  
science, either in operations management or **financial** management;  
dual-degree **programs** include J.D./MBA, J.D./M.S. in **finance**,  
environmental management, MBA/master of public administration; MBA/M.S. in  
**finance**, MBA/M.S. in environmental management; MBA/M.S. in marketing  
communication Additional locations: MBA available at...

...director, Oakbrook Center Phone: (630) 571-1818 Web site: www.keller.edu  
Tuition: \$1,305 per course **Financial** aid: Federal Family Education Loan  
**Program** Degree/certificate **programs** : MBA; master of project management,  
human resource management, **telecommunications** management, information  
systems management, accounting, **financial** management; graduate  
certificates in business administration, health services management, human  
resource management, information systems management, project management,  
**telecommunications** management Additional locations: Chicago, Elgin,  
Lincolnshire, Lisle, Orland Park, Schaumburg, Merrillville, Ind. Lake  
Forest Graduate School of...

...office Phone: (800) 737-4622 Web site: www.lfgsm.com Tuition: \$1,850 per  
course (includes books) **Financial** aid: Subsidized and unsubsidized  
Stafford Loans, scholarships for non-profit executives, disadvantaged  
students, those with **financial** need Degree/certificate **programs** : MBA  
Additional locations: Downtown Chicago, Schaumburg Lewis University Route

reimbursements; deferred payment plan Degree/certificate **programs** :  
36-credit-hour MBA and M.A. with concentration in business, computer  
resources and **information** management, **health** services management, human  
resources development, management, marketing, security management  
Additional locations: Crystal Lake, Great Lakes Naval Base...

15/3,K/9 (Item 2 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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04480391 . Supplier Number: 46577452 (USE FORMAT 7 FOR FULLTEXT)  
**HEALTHWORLD ONLINE TEAMS UP WITH PACKARD BELL IN INTERNET VENTURE**  
News Release, pN/A  
July 29, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 770

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...Internet (<http://www.healthy.net>), has formed a strategic alliance  
with Packard Bell, the leading supplier of **personal** computers in the US  
mass retail channel and fourth largest computer company in the world,  
announces HealthWorld Online President Dave Robertson. As a result of this  
alliance, HealthWorld Online's **award**-winning site is now available to  
Internet users and purchasers of new Packard Bell Platinum Series **Personal**  
Computers (PC's), through Planet Oasis, one of the Internet-rich software  
bundles that is pre-loaded...

...PC's. "HealthWorld Online has the kind of global reach - as well as the  
kind of user- **friendly health information** - that Packard Bell was  
looking for," says Robertson. "Since our goal in creating our Four-Star,  
Top-40 Internet site is to disseminate reliable natural **health**  
**information** to internet users across the world, our strategic alliance  
with Packard Bell makes good business." Planet Oasis...

...city blocks featuring centers of entertainment, science, art, sports and  
education - and HealthWorld Online, the hub of **health information** .  
According to Lora Loftis, project manager at Ark Interface, Packard Bell's  
goal in designing Planet Oasis...

...focus on all aspects of family health, from pediatrics to geriatrics. By  
virtue of its depth of **health information** , HealthWorld Online is an  
ideal addition to the already impressive list of Planet Oasis participants  
- CNN, Youth...

...wellness. HealthWorld Online's President, Dave Robertson, sees the  
creation of alliances with other information-access and **telecommunications**  
businesses as an important strategic direction for his business - and a  
model for the industry. "We are...

...the increasingly crowded Internet." "Since our corporate revenues are  
based on traffic," he adds, "both to attract **advertisers** and to **support**  
vendors in our health marketplace - alliances of this nature that spotlight  
our site and direct thousands of...

...to our marketing arsenal, and sets us apart from others that may lack  
strategic vision." For natural **health information** - from both the  
latest scientific **research** and from the world's most venerated healing  
traditions - HealthWorld Online is the most comprehensive site on the

Internet, and the only site that completely integrates conventional and natural **health information** - to give users the broadest choice when making **personal** health decisions. Since its debut in March, HealthWorld Online has received accolades from consumers, **health professionals** and the media. Articles including or featuring HealthWorld Online have appeared in the NEW YORK TIMES, LOS...

...and "Net appeal." HealthWorld Online is unique in its depth of information. Eleven major information centers covering **subjects** such as healing, nutrition, wellness and self-help, provide more than 15,000 pages of authoritative content, on all aspects of natural **health**. This **information** is **targeted** to both consumers and healthcare professionals, and is fully searchable by both key word and concept.

15/3,K/10 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02250924 Supplier Number: 42938493  
**Secon home care agency may lose certification**  
The Business Journal-Milwaukee, p8  
April 27, 1992  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

Horizon **Home Care** & Health Staffing (Glendale, WI) may lose its certification to treat **Medicare** and **Medicaid patients** if unable to correct its deficiencies which Wisconsin **surveyors** found during 1/92 and 3/92 inspections. Horizon would have to stop taking new **Medicaid** and **Medicare patients** on 5/20/92 if that happens. Of the home health agency's 500 **patients**, approximately 350 receive **Medicare** and **Medicaid**. The deficiencies which were discovered were mostly in the area of skilled nursing, according to Health Care **Financing** Administration's **Program Representative** Jerry Sandlin. Horizon's administrator, Jay Caulfield said the agency's problems were not severe enough to warrant decertification, with most of the concerns by the **surveyors** concentrated on **medical record** -keeping. ...

15/3,K/11 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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11797503 SUPPLIER NUMBER: 59043862 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Chronological Listings.**  
Modern Healthcare, 29, M2  
Nov 22, 1999  
ISSN: 0160-7480 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 20827 LINE COUNT: 01874

... Council 2000 Annual Convention and Exposition Oak Brook Marriott Oak Brook, Ill. Home healthcare professionals, including administrators, **financial** officers, owners and clinicians from public, private and not-for-profit home-care environments Fees vary 312...

...Vendor Fair Best Western Heritage Inn Great Falls, Mont. Nursing home administrators, nurses, activity professionals, social services, **assisted** -living professionals, hospice, home health, senior housing and dietary professionals \$600 per member facility plus \$25 per...

...Communications Geriatrics Educational Conference and Exposition Hilton New York and Towers New York Primary-care physicians, physician **assistants**, nurse practitioners 888-824-3004 April 2-4 Phoenix Group 2nd Annual Healthcare Outcomes Conference Princess Hotel...Continental New Orleans Healthcare executives Fees vary 312-424-9300 April 5-6 Learning Institute at Quorum **Support** Services Seminar for Multidepartmental Management Quorum Executive Learning Center Brentwood, Tenn. COOs, **assistant** administrators, multidepartment managers, **support** service managers Fees vary 800-233-1470 ext. 4862/4688 April 6 Action Kit Health Law Center...

...Health Information Management Association/Center for Healthcare Information Management/College of Healthcare Information Management Executives/Computer-based **Patient Record** Institute/Department of Defense/Healthcare Information and Management Systems Society/Society for Health Systems of the Institute...

...Dallas/University of Texas Southwestern Medical Center at Dallas The Alliance for Medical Management Degree and Certificate **Program** North Dallas Renaissance Hotel Dallas **Physicians** \$3,250 214-648-2166 or 800-688-8678 April 10 Cardinal Hill Consulting Reimbursement Planning: Challenges and Opportunities for Post-Acute-Care Providers Lexington, Ky. Nursing directors, CEOs, presidents, CFOs, COOs, **physicians**, **nurses**, physical **therapists**, occupational **therapists**, case managers, home health managers, long-term-care managers \$195 606-367-7189 or 606-254-5701

...Learning Institute at Quorum Delineation of Clinical Privileges Workshop Quorum Executive Learning Center Brentwood, Tenn. Management staff, **physicians**, medical staff coordinators Fees vary 800-233-1470 ext. 4862/4688 April 11 Center for Catholic Healthcare...

...424-9300 April 12-13 American College of Healthcare Executives Lessons Learned: Innovative Strategies for Managed-Care **Physician** and Practice Integration La Playa Naples, Fla. Healthcare executives Fees vary 312-424-9300 April 13 Action...

...for Gastrointestinal Endoscopy/Endoscopy Center Gastroenterology, Managed-Care and Endoscopic Associations Creating Success Radisson Hotel Knoxville, Tenn. **Physicians**, administrators, **nurses** **Physicians** \$500, **nurses** \$375 865-558-0634 April 13-16 National Kidney Foundation Clinical Nephrology Meetings 2000 Hyatt Regency Atlanta Nephrologists, family practitioners, internists, **physician assistants**, renal dietitians, general clinical dietitians, nephrology social workers, nephrology **nurses** and technicians 800-622-9010 April 14-15 University of Texas Southwestern Medical Center at Dallas Southwestern...14-16 Medical Education Resources Coronary Heart Disease Update Bally's Hotel Las Vegas Primary-care practitioners **Physicians** \$375, others \$275 800-421-3756 or 303-798-9682 April 14-16 Medical Education Resources Dermatology for the Non-Dermatologist Hilton Tapatio Cliffs Phoenix **Physicians**, **physician nurses** **Physicians** \$375, others \$275 800-421-3756 April 17-19 InSource Health Services InSource Annual Meeting Henry B. Gonzalez Convention Center San Antonio InSource members \$1,250 888-578-2647 April 17-19 Aging **Research** Institute/Kansas Association of Homes and Services for the Aging Spring Convention Wichita Hyatt Regency Wichita, Kan. Multidisciplinary administrators, **nurses**, dietary and activities staff of long-term-care facilities \$250 785-233-7443 April 17-19 West Virginia Hospital Association 14th Annual Midyear Conference and Expo Lakeview Resort Morgantown, W.Va. **Nurse** executives, materials managers, CFOs, public **relations** managers, risk managers, medical staff services managers \$110 304-344-9744 April 17-20 Association of Iowa...



...Annual Meeting Marriott Hotel Des Moines, Iowa Employees of Iowa hospitals and health systems Free to members, **attorneys** \$95 515-288-1955 April 17-20 Scripps Clinic Primary Care in Paradise: Hawaii 2000 Hilton Waikoloa Waikoloa, Hawaii Primary-care, family medicine and internal medicine **physicians Physicians** \$500, others \$300 858-554-8556 April 18-20 Learning Institute at Quorum Inpatient Coding Summit Dallas Coding managers, **health information** management directors, experienced inpatient coders Fees vary 800-233-1470 ext. 4862/4688 April 18-21 Learning Institute at Quorum Engineering Managers **Program** I Quorum Executive Learning Center Brentwood, Tenn. Directors of engineering, plant operations and maintenance, facility engineers Fees...

...Learning Institute at Quorum JCAHO Preparation Workshops (Regional) Boston Management staff, governing board members, executive management teams, **physicians** and **clinicians** Fees vary 800-233-1470 ext. 4862/4688 April 19-20 Learning Institute at Quorum **Medicare** Reimbursement Cost Reporting: Basic Concepts, Regulatory Compliance and Advanced Issues Quorum Executive Learning Center Brentwood, Tenn. CFOs...

...maintenance engineers and safety officers Fees vary 800-233-1470 ext. 4862/4688 April 22 Jefferson Ultrasound **Research** and Education Institute, Department of Radiology, Thomas Jefferson University 3-D Ultrasound Seminar Swissotel Chicago **Physicians** and ultrasound technicians \$250 888-390-5051 April 25-26 Learning Institute at Quorum Certified Healthcare Safety Professional Review Quorum Executive Learning Center Brentwood, Tenn. Safety and security officers, risk managers, occupational health **nurses**, **insurance** personnel, healthcare administrators Fees vary 800-233-1470 ext. 4862/4688 April 25-26 Learning Institute at Quorum **Medical Records** Auditing Workshops for the **Physician** Practice Quorum Executive Learning Center Brentwood, Tenn. **Physician** practice managers, billing and coding reimbursements **specialists**, **medical** directors, **medical records** directors, case managers, quality-assurance **specialists**, claims and audit staff Fees vary 800-233-1470 ext. 4862/4688 April 25-27 **Home Care** Association of Washington/Oregon Association for **Home Care** Convention and Trade Show Meydenbauer Center Bellevue, Wash. Administrators, managers and supervisors of home health and hospice agencies 425-775-8120 April 25-28 Learning Institute at Quorum Housekeeping Managers **Program** Quorum Executive Learning Center Brentwood, Tenn. Directors, managers, supervisors and **assistants** in environmental, housekeeping and **support** services Fees vary 800-233-1470 ext. 4862/4688 April 26-29 National Association of Health Services...

15/3,K/12 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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10404024 SUPPLIER NUMBER: 21028324 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Barriers to Use of Free Antiretroviral Therapy in Injection Drug Users.**  
Strathdee, Steffanie A. PhD; Palepu, Anita MD, MPH; Cornelisse, Peter G.A. MSc; Yip, Benita BSc (Pharm); O'Shaughnessy, Michael V. OBC, PhD; Montaner, Julio S. G. MD, FRCPC; Schechter, Martin T. OBC, MD, PhD  
JAMA, The Journal of the American Medical Association, v280, n6, p547(1)  
August 12, 1998  
ISSN: 0098-7484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3289 LINE COUNT: 00356

## TEXT:

...but the extent to which HIV-infected injection drug users access it is unknown. Objective.--To identify **patient** and **physician** characteristics associated with antiretroviral therapy utilization in

Campbell, Rita Delewian. Bonnie Devlin Elizabeth Ferris, Nada Gataric, Myrna Reginaldo). Kevin J.P. Craib, MMath, Barbara Leung, BSc, and Richard Harrigan, PhD, for technical **assistance** . and Fiona Tetlock for manuscript preparation. References 1. Patrick DM, Strathdee SA, Archibald CP, et al. Determinants...

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15/3,K/13 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08230446 SUPPLIER NUMBER: 16646437 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Language barriers in medicine in the United States.**  
Woloshin, Steven; Bickell, Nina A.; Schwartz, Lisa M.; Gany, Francesca;  
Welch, H. Gilbert  
JAMA, The Journal of the American Medical Association, v00000273, n9,  
p724(5)  
March 1, 1995  
ISSN: 0098-7484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4928 LINE COUNT: 00429

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 From the Department...

15/3,K/14 (Item 4 from file: 148)  
 DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07618928 SUPPLIER NUMBER: 15984394 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Obstetricians' prior malpractice experience and patients' satisfaction with care.**  
 Hickson, Gerald B.; Clayton, Ellen Wright; Entman, Stephen S.; Miller, Cynthia S.; Githens, Penny B.; Whetten-Goldstein, Kathryn; Sloan, Frank A. JAMA, The Journal of the American Medical Association, v272, n20, p1583(5) Nov 23, 1994  
 ISSN: 0098-7484 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
 WORD COUNT: 4572 LINE COUNT: 00376

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...1990), the FTC settled complaint charges that Dr. Friedman had engaged in an illegal tying arrangement, requiring **physicians** who used his outpatient dialysis services to use his inpatient dialysis services when their **patients** were hospitalized. The complaint alleged that Dr. Friedman had market power in outpatient services but could not exploit it because **Medicare** (the dominant purchaser of chronic dialysis services) limits the amount of reimbursement available for outpatient services. **Medicare** does not, however, regulate reimbursement for inpatient dialysis. Consequently, the complaint alleged that Dr. Friedman used the tying arrangement to circumvent **Medicare** 's price regulation and charge higher than competitive prices for the tied inpatient services.

DENNIS A. YAO...

15/3,K/17 (Item 7 from file: 148)  
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07294447 SUPPLIER NUMBER: 15483547 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Managed care plan performance since 1980: a literature analysis.**  
Miller, Robert H.; Luft, Harold S.  
JAMA, The Journal of the American Medical Association, v271, n19, p1512(8)  
May 18, 1994  
ISSN: 0098-7484 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 7413 LINE COUNT: 00614

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...maintenance organization practice. Cancer. 1992; 69: 2418-2425. [70.] Carlisle DM, Siu AL, Keeler EB, et al. **HMO** vs fee-for-service care of older persons with acute myocardial infarction. Am J Public Health. 1992; 82: 1626-1630. [71.] Miller NA. An evaluation of substance misuse treatment

providers used by an employee **assistance program**. Int J Addict. 1992; 27: 533-559. [72.] Murray JP, Greenfield S, Kaplan SH, Yano EM. Ambulatory testing for capitation and fee for service **patients** in the same practice setting: **relationship** to outcomes. Med Care. 1992; 30: 252-261. [73.] Wells KB, Hays RD, Burnam MA, Rogers W, Greenfield S, Ware JE Jr. Detection of depressive disorder for **patients** receiving prepaid or fee-for-service care: results from the Medical Outcomes **Study**. JAMA. 1989; 262: 3298-3302. [74.] Rogers WH, Wells KB, Meredith LS, Sturn R, Burnam MA. Outcomes for adult outpatients with depression under prepaid or fee-for-service **financing**. Arch Gen Psychiatry. 1993; 50: 517-525. [75.] Rubin HR, Gandek B, Rogers WH, Kosinski M, McHorney CA, Ware JE Jr. **Patients'** ratings of outpatient visits in different practice settings: results from the Medical Outcomes **Study**. JAMA. 1993; 270: 835-840. [76.] Rossiter LF, Langwell K, Wan TT, Rivnyak M. **Patient** satisfaction among elderly enrollees and disenrollees in **Medicare** health maintenance organizations: results from the National **Medicare** Competition Evaluation. JAMA. 1989; 262: 57-63. [77.] Luft HS. How do health maintenance organizations achieve their...

...79.] Newhouse JP, Schwartz WB, Williams AP, Witsberger C. Are fee-for-service costs increasing faster than **HMO** costs? Med Care. 1985; 23: 960-966. [80.] Ware JE, Brook RH, Rogers WH, et al. Comparison [82.] Lichtenstein R, Thomas JW, Watkins B, et al. **HMO** marketing and selection bias: are TEFRA HMOs skimming? Med Care. 1992; 30: 329-346. [83.] Riley G, Lubitz J, Rabey E. Enrollee health status under **Medicare** risk contracts: an analysis of mortality rates. Health Serv Res. 1991; 26: 137-163.

15/3,K/18 (Item 1 from file: 149)  
DIALOG(R)File 149:TGG Health&Wellness DB(SM)  
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01785516 SUPPLIER NUMBER: 21028324 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Barriers to Use of Free Antiretroviral Therapy in Injection Drug Users.**  
Strathdee, Steffanie A. PhD; Palepu, Anita MD, MPH; Cornelisse, Peter G.A. MSc; Yip, Benita BSc (Pharm); O'Shaughnessy, Michael V. OBC, PhD; Montaner, Julio S. G. MD, FRCPC; Schechter, Martin T. OBC, MD, PhD  
JAMA, The Journal of the American Medical Association, v280, n6, p547(1)  
August 12,  
1998  
PUBLICATION FORMAT: Magazine/Journal; Refereed ISSN: 0098-7484  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE:  
Professional  
WORD COUNT: 3229 LINE COUNT: 00356

## TEXT:

...but the extent to which HIV-infected injection drug users access it is unknown. Objective.--To identify **patient** and **physician** characteristics associated with antiretroviral therapy utilization in HIV-infected injection drug users. Design.--Prospective cohort **study** with **record** linkage between **survey** data and data from a provincial HIV/AIDS (acquired immunodeficiency syndrome) drug treatment **program**. setting.--British Columbia, where antiretroviral therapies are offered free to all persons with HIV infection with CD4...

...sup.9)/L (500/(Micro)L) and/or HIV-1 RNA levels higher than 5000 copies/mL. **Subjects** --A total of 177 HIV-infected injection drug users eligible for antiretroviral therapy, recruited through the prospective cohort **study** since May 1996. Main Outcome Measures.-- **Patient** use of antiretroviral drugs through the provincial drug treatment **program** and **physician** experience treating HIV infection. Results.--After a median of

virus...

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15/3,K/19 (Item 2 from file: 149)  
 DIALOG(R)File 149:TGG Health&Wellness DB(SM)  
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01497394 SUPPLIER NUMBER: 15984394 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Obstetricians' prior malpractice experience and patients' satisfaction with care.**  
 Hickson, Gerald B.; Clayton, Ellen Wright; Entman, Stephen S.; Miller, Cynthia S.; Githens, Penny B.; Whetten-Goldstein, Kathryn; Sloan, Frank A. JAMA, The Journal of the American Medical Association, v272, n20, p1583(5) Nov 23, 1994  
 PUBLICATION FORMAT: Magazine/Journal ISSN: 0098-7484 LANGUAGE: English  
 RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Professional  
 WORD COUNT: 4531 LINE COUNT: 00376

... Humanities.  
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...Professional Liability and the Delivery of Obstetrical Care. Washington, DC; National Academy Press; 1989:35-53. [14.] **Patients , Doctors , and Lawyers** : Medical Injury, Malpractice Litigation, and **Patient** Compensation in New York: The Report of the Harvard Medical Practice **Study** to the State of New York. Cambridge, Mass: Harvard Medical Practice **Study** ; 1990. [15.] Kakalik JS, Pace NM. Costs and Compensation Paid in Tort Litigation, Santa Monica, Calif:RAND...

15/3,K/20 (Item 3 from file: 149)  
DIALOG(R)File 149:TGG Health&Wellness DB(SM)  
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01491518 SUPPLIER NUMBER: 15761561 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Eleven worthy aims for clinical leadership of health system reform.**  
Berwick, Donald M.  
JAMA, The Journal of the American Medical Association, v272, n10, p797(6)  
Sept 14,  
1994  
PUBLICATION FORMAT: Magazine/Journal ISSN: 0098-7484 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Professional  
WORD COUNT: 7517 LINE COUNT: 00630

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15/3,K/21 (Item 4 from file: 149)  
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01482361 SUPPLIER NUMBER: 15483547 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Managed care plan performance since 1980: a literature analysis.**  
 Miller, Robert H.; Luft, Harold S.  
 JAMA, The Journal of the American Medical Association, v271, n19, p1512(8)  
 May 18,  
 1994  
 PUBLICATION FORMAT: Magazine/Journal ISSN: 0098-7484 LANGUAGE: English  
 RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Professional  
 WORD COUNT: 7257 LINE COUNT: 00614

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...maintenance organization practice. Cancer. 1992; 69: 2418-2425. [70.] Carlisle DM, Siu AL, Keeler EB, et al. **HMO** vs fee-for-service care of older persons with acute myocardial infarction. Am J Public Health. 1992; 82: 1626-1630. [71.] Miller NA. An evaluation of substance misuse treatment providers used by an employee **assistance** program . Int J Addict. 1992; 27: 533-559. [72.] Murray JP, Greenfield S, Kaplan SH, Yano EM. Ambulatory testing for capitation and fee for service **patients** in the same practice setting: **relationship** to outcomes. Med Care. 1992; 30: 252-261. [73.] Wells KB, Hays RD, Burnam MA, Rogers W, Greenfield S, Ware JE Jr. Detection of depressive disorder for **patients** receiving prepaid or fee-for-service care: results from the Medical Outcomes **Study** . JAMA. 1989; 262: 3298-3302. [74.] Rogers WH, Wells KB, Meredith LS, Sturn R, Burnam MA. Outcomes for adult outpatients with depression under prepaid or fee-for-service **financing** . Arch Gen Psychiatry. 1993; 50: 517-525. [75.] Rubin HR, Gandek B, Rogers WH, Kosinski M, McHorney CA, Ware JE Jr. **Patients** ' ratings of outpatient visits in different practice settings: results from the Medical Outcomes **Study** . JAMA. 1993; 270: 835-840. [76.] Rossiter LF, Langwell K, Wan TT, Rivnyak M. **Patient** satisfaction among elderly enrollees and disenrollees in **Medicare** health maintenance organizations: results from the National **Medicare** Competition Evaluation. JAMA. 1989; 262: 57-63. [77.] Luft HS. How do health maintenance organizations achieve their...

...79.] Newhouse JP, Schwartz WB, Williams AP, Witsberger C. Are fee-for-service costs increasing faster than **HMO** costs? Med Care. 1985; 23: 960-966. [80.] Ware JE, Brook RH, Rogers WH, et al. Comparison [82.] Lichtenstein R, Thomas JW, Watkins B, et al. **HMO** marketing and selection bias: are TEFRA HMOs skimming? Med Care. 1992; 30: 329-346. [83.] Riley G, Lubitz J, Rabey E. Enrollee health status under **Medicare** risk contracts: an analysis of mortality rates. Health Serv Res. 1991; 26: 137-163.

15/3,K/22 (Item 5 from file: 149)  
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01147644 SUPPLIER NUMBER: 06321829 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Index of employers. (hospital profiles) (Nursing Opportunities supplement)**  
RN, v51, n1, pS6(377)  
Jan,  
1988  
PUBLICATION FORMAT: Magazine/Journal ISSN: 0033-7021 LANGUAGE: English  
RECORD TYPE: Fulltext TARGET AUDIENCE: Professional  
WORD COUNT: 168102 LINE COUNT: 18943

... across the street from the hospital, are available depending on vacancies. Assistance will be given by providing **information** on existing housing in Atlanta.

DEKALK GENERAL HOSPITAL  
2701 North Decatur Road  
Decatur GA 30033  
Telephone: (404...

20/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01246003 SUPPLIER NUMBER: 06829743 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Vertical market applications software. (supplement to DG Review)**  
(directory)  
DG Review, v8, n10, pS25(11)  
June, 1988  
DOCUMENT TYPE: directory ISSN: 1050-9127 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 10696 LINE COUNT: 01010

... Enrollment and fund Accounting. Optional modules include Cost Containment, Disability, Workers Compensation, Billing and A/R, and **HMO / PPO**. Price: Contact vendor CPU: Desktop, MicroNova, MicroEclipse, Eclipse, MV/Family, Nova compatible, Eclipse compatible Operating Systems: RDOS...

...health policy administration Product Name: ILA-3 Policy Administration System Description: The ILA-3 System is an **online** data processing system designated to serve all of the basic needs of a life and health **insurance** operation. The system provides for **online** entry of new, changed or terminated policy information, as well as for the maintenance of the company's accounting journal, product portfolio and **agent** information. The system also performs administrative functions in a batch processing mode, including the update and maintenance of all policy and accounting **history** files, the generation of detailed policy reports and the generation of summary **financial** and actuarial valuation reports. The ILA-3 System provides for **online** terminal **inquiry** of virtually any policy-related or other information contained in the ILA-3 database. Universal life, CVWL, SPWL and annuities are **supported**. Price: Contact vendor. CPU: MV/Family Operating Systems: AOS/VS Languages: COBOL Reference Number: 707 Contact: Larry J. Doze Telephone: (319) 398-1800 Town & Country Computer Services Application: Property and casualty **insurance** accounting Product Name: **INSurance** PROcessing System (INS PRO) Description: INS PRO System in an **online**, interactive system for small to medium-sized direct writing **insurance** companies. INS PRO includes automatic rating for fire, homeowners and mobile homeowners, **premium** accounting, loss accounting, accounts receivable, statistical reporting and reinsurance accounting. Both direct bill and account current **agents** are **supported** with multiple payment plans available. Policy rates and other company dependent variables are stored in user-controlled...

20/3,K/2 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01457817 Supplier Number: 46911170 (USE FORMAT 7 FOR FULLTEXT)  
**Kodak's Systems Emphasize "Take Pictures. Further" Theme at RSNA '96**  
News Release, pN/A  
Nov 22, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1002

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...releases on any of the products summarized below, or check the news release section of Kodak's **worldwide web** site ([http:// www .kodak.com](http://www.kodak.com)).  
**Digital** Imaging HIS/RIS Gateway and Cassette Identification Station Will

is an easy-to-use, menu-driven report system designed to produce final reports for referring **physicians** in fast turnaround time. The final reports are structured for quick access to critical information and easy incorporation into computerized patient **records** and outcomes databases. The client/server software package runs on existing computer systems. Kodak's "Picture Report" System Integrates Patient Information With Images. The Kodak **Digital Science** picture report for radiology is a PC-based system that provides hard-copy radiology reports which integrate both pictures of radiographic images and patient information. The system uses a high-resolution Kodak **Digital Science** professional DCS 420 **digital** camera, Kodak **Digital Science** 8650 color printer, in conjunction with a PC running Microsoft Windows 95 or Windows NT software, to produce reports for referring **physicians** which include a photographic **record** of the radiology image along with diagnostic information.

20/3,K/3 (Item 2 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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01389852 Supplier Number: 46441753 (USE FORMAT 7 FOR FULLTEXT)

**LONDON HEALTH SCIENCES CENTRE EXTENDS AGREEMENT WITH CERNER TO INCLUDE CLINICAL SYSTEMS AND EXPANDED PARTNERSHIP OPPORTUNITIES**

News Release, pN/A

June 4, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 878

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...NASDAQ: CERN) today announced it signed an agreement in the first quarter of 1996 that extends its **relationship** with London Health Sciences Centre (LHSC) of London, Ontario, Canada. The agreement includes implementation of clinical information systems within Cerner's Health Network Architecture (HNA) to **support** LHSC's person-centric strategy in patient care and health. management. The agreement also initiates expanded partnership...

...portion Of the operational savings derived from the merger to fund the acquisition of Cerner technology in **support** of the organization's commitment to excellence in care delivery. In this agreement, LHSC has licensed PathNet Laboratory Information System, PharmNet Pharmacy Information System, RadNet Radiology **Information** System, CarsNet **Care** Management System, and Open Engine Application Gateway System. LHSC previously licensed Cerner's Open Clinical Foundation Data Repository (OCF) and its desktop application for **clinicians**, PowerChart. All of these Cerner systems work together within HNA to automate processes and facilitate the seamless...

...systems to automate the clinical cars process around a person-centric model of care and create longitudinal **electronic medical records** to facilitate **care** services to individuals throughout the community. The agreement also opens the door to ongoing partnership opportunities between ...

...economic situation in our province compels LHSC to redesign our healthcare processes. When appropriately gathered, information can **assist** significantly/in the redesign of individual healthcare delivery processes and **assist** in the forecasting of the future healthcare needs of a defined population. The power of information and...

...healthcare system into the 21 st century through the development of new models of patient care and **support** service delivery. In addition, our agreement with Cerner represents the opportunity for our two organizations to form...

...healthcare market and create jobs. it also offers our staff the opportunity to craft information systems to **support** the healthcare needs of tomorrow." Ross Batson, Chairman of London Health Sciences Centre's Board of Directors, said, "By moving toward an Integrated Health Organization model **supported** by Cerner systems, LHSC will be able to better manage the health Status of the population we...

...The potential power of information is phenomenal. Cerner systems have the ability to collect and access individuals' **health information** from the home to the caregiver's office or clinic, to the hospital and back home again...

...per year. LHSC has a capacity of 976 beds and 40 bassinets. LHSC's premier services and **programs** include clinical neurological sciences, life **support** care, cardiovascular and thoracic medicine, oncology, multi-organ transplantation, children's and women's healthcare, and orthopedic...

...two organizations share staff, students, and a commitment to high quality health sciences education. LHSC also emphasizes **research**, with a focus on clinical trials and evaluation, critical care/trauma, neurosciences, medical imaging, and micro circulation. Cerner Corporation is a leading developer of clinical and management information systems that **support** evolving **relationships** between providers, purchasers, payors, and consumers of health services. Health organizations worldwide use Cerner's comprehensive Health...

20/3,K/4 (Item 1 from file: 636)  
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04172397 Supplier Number: 54634524 (USE FORMAT 7 FOR FULLTEXT)

**Choose Open-Minded Providers.**

Physician Manager, pNA

May 7, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 471

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...exclusively on one form of treatment," John Reed, M.D., national medical director for American WholeHealth, tells **physician** managers. "How you set up the **program** in the beginning is key," agrees Rick Weisblatt, HVMA site medical director. The group actively sought out alternative practitioners who were interested in developing a collaborative practice with allopathic **physicians**. AltMed referrals from allopathic **physicians** are increasing, especially for certain conditions, says Patricia Culliton, director of the Alternative Medicine Division at Hennepin...

...the Division of Alternative Medicine has been integrated into the system's standard referral system. Every referring **physician** sends over a referral form, and gets back a response from the alternative practitioner. "The standard form...



...now it reads 'Practitioner Blank.'" But what about self-referred patients who seek alternative care without their **physician**'s knowledge? According to 1998 and 1993 **studies** by David Eisenberg, M.D., less than 40% of patients reveal AltMed use to their **doctors**. At HVMA, with about 30 AltMed practitioners at eight sites, every time an alternative provider sees a patient, he or she asks for permission to contact the primary care **physician**. Hennepin does not routinely contact non-referring **physicians** for every AltMed patient. However, it does request permission to contact the **physician** whenever the patient has a severe disorder or is on several medications. When asked to sign a permission form so the clinic can **communicate** with their **physician**, no one has refused. At American WholeHealth, the patient has one chart and all clinic practitioners **record** patient interactions on that chart. At Hennepin, the chart is fully integrated within a large, multi-specialty group practice, so every **physician** sees the complete **record** of AltMed interventions, and every AltMed practitioner routinely sees the full **record** of primary **care** and **specialist** interventions (see box, p. 7). Case reviews at American WholeHealth include all the providers at a center, typically three to four **physicians** and four to eight complementary providers, meeting together once a week. Presentations might include a discussion of herbal medicine in **relation** to topical skin diseases, or how to identify patients who are likely to benefit from a detoxification **program**. At HVMA, there are quarterly case reviews, often with one or two alternative providers presenting cases to **physicians**, **nurses** and **physicians**' **assistants**.

20/3,K/5 (Item 2 from file: 636)  
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04110426 Supplier Number: 54028807 (USE FORMAT 7 FOR FULLTEXT)  
**Market Memo: E-commerce finding its niche, but results a firm - don't know.**  
 Dalton, John  
 Health Industry Today, pNA  
 Jan, 1999  
 Language: English Record Type: Fulltext  
 Document Type: Newsletter; Professional Trade  
 Word Count: 2172

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...benefits are a definite - don't know yet. The selling of medical devices and supplies over the **Internet**, or e-commerce, is too big to avoid, too risky to take lightly, and, potentially, too profitable...

...reap big benefits. It's a dilemma: Put products on the Web, and manufacturers risk losing the **support** and loyalty of in-house sales **representatives** and outside distributors who don't relish the prospect of watching commissions become **Internet** ether. Manufacturers who don't put products on the Web risk losing customers attracted to savings as...  
 ...there is no one, it seems, who can profess to having a firm grip on the protocol. **History** in the making Just a few years ago, the **Internet** and **World Wide Web** had a reputation to rival that of garage sales - locations full of murky home pages offering heaps...

...compared with five times that for television and more than seven times as long for the telephone, **researchers** see a trillion dollar market within the next decade. Clearly, a device manufacturer ignores e-commerce growth at its peril. As a result, nearly all **online** revenues are going vertical. A recent **survey** by Price Waterhouse Coopers quoted **online advertising** at \$423 million in the second quarter of 1998, up 20% from the

first quarter and almost double the year-earlier figure. That entails all **advertising**, not just medical device expenditures, where the medium is so new that figures are unavailable. But no...

...e-commerce is the medical devices unit of Hewlett-Packard. H-P, which employs nearly 500 sales **representatives** and dozens of distributors, **records** nearly \$1 billion in annual revenue worldwide through medical device sales. It reported that less than 10...

...hospitals currently order over the Web, but that nearly 40% of hospital purchasing departments have visited an **electronic** web site. Those figures, says H-P, will most certainly grow, given the blanketing of e-commerce...

...its products. To risk losing that identity means a direct hit to the bottom line. IBM directs **internet** customers to **online** ordering sites run by long-established dealers, but admits that approach doesn't take full advantage of...

...current catch-all is that a company must avoid being "amazonized," meaning the loss of business to **online** sellers in the way that bookstore chains have lost sales to amazon.com.inc., the e-commerce...

...has created a kind of do-it-in-the-dark marketing. Manufacturers hesitate to call attention to **on-line** marketing, and as a result launch web sites with little or no **publicity**, often keeping **online** prices high so that traditional vendors can lead the way with product discounts. Some manufacturers are offering salespeople and distributors commissions from **online** sales on a good will basis. Still other manufacturers offer commissions to the salespeople who would normally handle an account that has gone **electronic**. Salespeople are perhaps justifiably worried they will become the Willy Lomans of their generation. And yet, H...

...buyers like Columbia/HCA Healthcare Corp. and the Premier hospital-purchasing alliance to place orders over the **Internet**. Of all the elements involved in e-commerce, perhaps the last truly resistant arena is health care. Privacy concerns about the **Internet** are critical to **health care providers**, and **physicians** making **Internet** decisions are not eager to commit information that is highly complex. But change is on the horizon. Healtheon Corporation, Santa Clara, Calif., recently launched its consumer **internet** portal of **health care information** and transaction services. CEO Mike Long sounds a consistent note: Web sites will become a tool to link all of the participants in health care - consumers, **physicians**, employers, brokers, health plans, hospitals, pharmacies, and laboratories, as well as device manufacturers, suppliers and purchasers. The...providers promise reduced costs, ease of access, and most important, ground-level opportunity. One such company is [www.medibuy.com](http://www.medibuy.com) of La Mesa, Calif. President Charles Smith has little doubt of what is to come...

...its kind, medibuy.com will enable buyers from around the world to purchase medical supplies from a **catalog** of vendors which, Smith asserts, will expand rapidly. Medibuy is not tied to any particular manufacturer or ...

...the health care industry. No limit to the applications E-commerce applications seem limitless. -- In Cupertino, Calif., **Internet** Auctioneers conduct international purchases through Going, Going - Sold!, ([www.going-going-sold.com](http://www.going-going-sold.com)) an auction service on the **World Wide Web** which specializes in used and refurbished laboratory equipment. Descriptions of the equipment are posted on the site...

...Colo., has reached an affiliation agreement with Healthcare EDI

Coalition, Little Rock, Ark., the industry's largest **electronic** trading coalition. Through the agreement, HEDIC members will receive discounted fees for marketing services through the MRN network ( [www .mrn.com](http://www.mrn.com)), that gives **physicians** , hospitals, and clinics around the world access to a centralized resource network of medical equipment and supplies...

...J., and AllnetServices.com Corp., Fairfield, Conn., have entered a partnership to launch a new e-commerce **Internet** .service which will enable **physicians** , medical professionals, **researchers** and device manufacturers to **investigate** , compare and purchase therapeutic medical devices and non-invasive modalities and services **online** . The e-commerce site ( [www .deviceline.com](http://www.deviceline.com)) is currently under construction. In addition, ADM will soon launch the Aurex-3, a medical device for the treatment of tinnitus recently cleared by the FDA, on the **Internet** . Tinnitus is a hearing condition commonly referred to as ringing in the ear. ADM says it is the first time a medical device company has opted for an **online** launch of a new medical device. -- Touchtone Corporation, Costa Mesa, Calif., a developer and publisher of software, has released ThinView, a real time Web database publishing tool. ThinView enables a company to use the **Internet** to supply its dealers, **representatives** , customers, and prospects with inventory updates, pricing information, visitor registration screens, and credit applications. -- Healthcare Intelligence Network ( [www .hin.com](http://www.hin.com)) offers more than 1,800 pages of health and managed care business news. Based in...

...a result of cooperation among a number of health care publishing companies including Health Resources Publishing, Opus **Communications** , Manisses **Communications** and Strafford **Communications** Buyers going **online** , but wary As e-commerce spreads to every corner of the industry, buyers have embraced it as...

...would say e-commerce presents an aura of risk in terms of firewalls for security and the **electronic** transfer of payment," says John Anderson, director of materials management for the 1000-bed Hartford Hospital, Hartford...

...distributor facility." Anderson says the nine people in his department access manufacturer and supplier sites as reference **points** , spending a "limited" amount of time, maybe 30 or 40 minutes apiece, on the **Internet** per week. He says at least for the immediate future, the **Internet** won't replace face-to-face contact with sales reps. "I see e-commerce as being valuable...

...Orlando, Fla.-based, six-site hospital system with 1,450 beds plus outpatient clinics, will upgrade its **electronic** ordering system which uses a master product **catalog** of 60,000 items to transmit orders to distributor Owens & Minor, Richmond, Va. GPOs are not left behind. Premier Inc., Westchester, Ill., is expected to release a prototype of its **electronic catalog** sometime this month. About 10 member hospitals will try out the package Overcoming objections. Concerns about lack...

...or product demonstrator are being overcome by manufacturers as the medium matures. Buyers will increasingly use the **Internet** because of its ability to take orders 24 hours a day and its access to faster, more...

20/3,K/6 (Item 3 from file: 636)  
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04100360 Supplier Number: 53948171 (USE FORMAT 7 FOR FULLTEXT)

**Special Report: HEDIS 2000 Draft Targets Chronic Conditions, Women.**  
Medical Utilization Management, pNA  
Feb 4, 1999  
Language: English      Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count:      2020

... Concerns of the sick are especially important, she added, "because we want to make sure that the **incentives** in managed care aren't going in the wrong direction." What's New? Perhaps the most significant...

...inflammatory medications, such as inhaled corticosteroids, from their health plans to reduce the likelihood of future attacks. **Research** has shown, the draft says, that these drugs can help to control the disease and reduce emergency...

...costs for the 15 million Americans, most of them children, who suffer from asthma. Nevertheless, anti-inflammatory **agents** continue to be "underused," the draft adds. "Emergency Room (ER) Visits for People with Asthma," an outcome...

...in four of the approximately 50 million Americans who have high blood pressure currently receive treatment, he **pointed** out. "There is unbelievable room for improvement" in controlling hypertension, agreed Thomas Lee, MD, medical director of Partners Health Plan in Boston and a **representative** of the American College of Cardiology. When Partners conducted its own in-house **survey** of patients with elevated blood pressure, the plan was surprised to find that it "didn't do..."

...measures on cardiovascular disease, plus an existing one related to smoking cessation, "help focus" the attention of **doctors** and health plans on a major health problem, said Smith, who participated in the briefing. "We're now at a **point** where we're looking at performance of **physicians** ...where we can ...bedside and that patients benefit," he asserted. Improving Women's Health The third change involves a patient **survey** related to management of menopause. The measure is intended to gauge how well plans counsel women about...

...provided with counseling, how extensive the counseling is, and whether or not personal factors, such as family **history**, concerns, and preferences, are considered, the draft explains. Pilot tests of the measure suggest that women often do not receive objective **information** about menopause **treatment** options. "Even the best [managed care organization] received an overall score of 55 percent," the draft states...

...patient assessments to compile information about plan performance worries some health plans, however. NCQA also added two **surveys** in HEDIS 1999, for adults and children. "The trouble with [ **surveys** ] is that the typical patient doesn't remember most of what he hears in the **physician** 's office," contends Morrow. "Those measures that are driven off **medical records** are much more accurate and reproducible, and probably much more valid long-term." Nonetheless, Morrow says **surveys** that assess patient education efforts-like the one focusing on menopause counseling-can help to improve patient...

...treatment plans. They may also help plans focus on necessary strategies for achieving good rates if the **surveys** reveal that patients "are not getting the message," he says. "We may see that **physicians** and health plans will start using techniques of modifying patient behavior that have hitherto been used by **commercial** [ **advertising** ] folks," he suggests. A fourth new process measure related to chlamydia screening draws on evidence-based **research**, and will be used by plans to assess the

proportion of sexually active female members between the...

...measure-developed by the Quality Expansion Project, a collaboration of the Agency for Health Care Policy and **Research** (AHCPR), Harvard, RAND, and NCQA -is considered important in stemming serious, and more costly, complications associated with...

...to improve patient care-cost remains a barrier to compliance for many health plans. "All of these **programs** are extremely scary, because they are requiring more and more outside sources of information other than claims...

...heavily," says Morrow. Then again, reporting HEDIS data used to be voluntary; now it is mandatory for **Medicare** managed care plans. As of July 1999, plans that undergo NCQA accreditation will have their HEDIS measures...

...are being phased in to give companies the opportunity to develop the necessary information systems that will **support** the databases. "It's going to take a lot of thought, a lot of creativity, and there...

...well. One important gain is the ability to better track patient compliance by developing systems that help **physicians** and patients pursue health goals together. Health plans "need to understand that the cost here is not...

...lower-cost care," Sennett concluded. The HEDIS 2000 draft can be downloaded from NCQA's web site ( [www.ncqa.org/hedis/H2000.htm](http://www.ncqa.org/hedis/H2000.htm)). Comments on the new version are due by Friday, March 19, and...

20/3,K/7 (Item 4 from file: 636)  
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04098137 Supplier Number: 53924546 (USE FORMAT 7 FOR FULLTEXT)  
**HMO Companies Make Mid-Course Changes to Rx Benefit Programs.**  
Physician Manager, pNA  
Jan 22, 1999  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1555

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...medications, many of them prescribed long-term for chronic illness; an aging population; and direct-to-consumer **advertising**, which reached about \$1 billion in 1998 and is likely to grow to \$2 billion to \$3...

...Alan R. Zwerner, M.D., senior vice president and chief medical officer of Health Net, the California **HMO** of Foundation Health Systems Inc. Many HMOs claim they are losing money or underperforming due to rising...

...doing more utilization management. Three-Tiered Copays Increasingly Popular Mid Atlantic Medical Services, Inc., based in Rockville **Md.**, is moving to an open formulary with a three-tiered benefit structure. Members pay a low copayment...

...additional marketing materials to sell potential purchasers on the option, explains Beth Sammis, vice president for corporate **communications**. The firm's goal was to have 20% of **commercial** members in an Rx formulary plan by year-end 1998. And MAMSI, the Washington, D.C. area...

...of pharmacy management. "While that figure is going up, we are still a substantial number of percentage **points** below our competitors." As part of its strategy to engage members in cost sharing, United is gradually...

...business follows a \$5 generic, \$10 brand-name on-formulary and \$25 nonformulary copayment schedule. United's **target** for 1999 is \$7 generic, \$12 brand-name and \$25 nonformulary. "While this may bring in additional...

...s much more important is that it starts controlling what you might call 'discretionary prescriptions,' where a **physician** says, 'If the pain is bad then fill this,'" Bergen says. He believes the three-tiered copayment schedule will encourage patients to open a dialogue with their **physicians** about lower-cost alternative treatments. United Bets on Proper Clinical Management But raising copays and adopting three...

...in which the most cost-effective drug for an illness is tried first. United has disease management **programs** for various high-cost conditions, including depression, coronary artery disease, osteoporosis and peptic ulcers. With an extensive...

...alternatives. Such recommendations for appropriate treatment may lead to either increased or decreased Rx usage, Bergen notes. **Doctors** who routinely use costly third-generation antibiotics are encouraged to try first-generation antibiotics beforehand. When a member drops antidepressant medication after only a couple of months, the patient's **physician** is encouraged to discuss the reasons why longer-term usage is generally more effective. United is not considering a cost cap on Rx benefits. "Our view is that **insurance** is designed to protect people from catastrophic costs," Bergen says, adding "there are many multithousand-dollar drugs..."

...in several markets and will consider further expansion if it works well. PacifiCare, the nation's largest **Medicare HMO** contractor, also uses a closed formulary with prior authorization for nonformulary drugs in many areas. " **Premiums** are not increasing at the same rate as pharmacy trends, so we're forced to aggressively manage..."

...Prescription Solutions, PacifiCare's wholly owned pharmacy benefit management subsidiary, which also serves other clients. Seeing Price **Points** Never Seen Before He blames prices of new medications as one major factor driving cost increases: Arava...

...at about \$300 a month and Rezulin, for diabetes, at \$150 per month. "We are seeing price **points** now that we've never seen before," Gilderman says. PacifiCare is closely monitoring additions to its formulary...

...Rezulin because the PBM did not perceive any added benefit vs. other medications. PacifiCare also is adopting **targeted** utilization management **programs** to limit inappropriate drug use. After noticing a 40% increase in such gastrointestinal drugs as Prilosec and...

...the clinical literature and decided to put an eight-week edit in place. After that time limit, **physicians** must call for prior authorization for continued use and **document** its **medical** necessity. PacifiCare's Prescription Solutions also is stressing educational **programs** on such relevant topics as appropriate use of antibiotics. The firm has developed guidelines and an educational **program** on nonformulary drugs for its HMOs. In some states PacifiCare's **Medicare HMO**, Secure Horizons, caps prescription drugs. But the firm is concerned about this. "If plans cannot control pharmacy..."

...plans decide not to cover pharmaceuticals, that would be very unfortunate, since medications are clearly cost-effective **agents** compared

to hospitalization or surgery," Gilderman adds. Foundation Health Systems stirred up a hornets' nest last fall when it introduced a drug use review **program** in New York, New Jersey and Connecticut. The drug editing **program** closely monitors usage of about 40 medications; if dosage levels exceed FDA and/or manufacturer recommendations, the prescribing **physician** and plan member receive a cautionary letter. When the **physician** believes the usage is indicated, he fills out a one-page prior authorization form and receives a...

...the drug for a year. Many Foundation HMOs as well as other managed care companies have similar **programs** in place, says Lisa Haines, Foundation spokesperson. But introduction of the **program** in the N.Y. tristate area ran into strong opposition because, "We did a lousy job of **communicating** with **physicians** about the benefits of the **program** and our reasons for implementing it," Haines acknowledges. Foundation has instituted a beefed-up educational effort, including meetings with large medical groups and IPAs, and educational mailings to prepare for re-introduction of the **program** early this year. Foundation's regional HMOs have a good deal of variation in pharmacy **programs**. Some use a formulary with prior authorization for nonformulary drugs; others use a tiered copayment system. Kaiser Relies on **MD** Education While many managed care plans are adopting new systems for controlling Rx costs, Oakland, Calif.-based Kaiser Foundation Health Plans, the nation's oldest **HMO**, is relying primarily on **physician** education to **promote** appropriate use of medications. Kaiser employs a staff of full-time drug education coordinators who work with MDs by using formal drug bulletins and **research** papers, face-to-face presentations and informal reminders. "Our perspective is a little different because we are a fully integrated system, and our patients in general go to Kaiser **physicians** and utilize Kaiser pharmacies," notes Dale Kramer, pharmacy director. Kaiser's formulary decisions are based primarily on...

...it is not covered. However, if there is a medical need for a nonformulary drug, the attending **physician** can approve it without prior authorization. Kaiser has no interest in a three-tiered copay structure or ...

20/3,K/8 (Item 5 from file: 636)  
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04079738 Supplier Number: 53652603 (USE FORMAT 7 FOR FULLTEXT)  
**Patient satisfaction.**  
Health Care Strategic Management, pNA  
Jan, 1999  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1979

Quality of care and services Thoroughness of treatment **Doctor** 's explanations of medical procedures and tests Personal interest in you and your problems **Friendliness** and courtesy shown by staff Outcome of care-how much you were helped Advice on avoiding illness and staying healthy Amount of time spent with the **doctor** and staff Access to specialty care, if needed **Financial** performance Health care executives need to establish processes to analyze profitability by **physician** and by site, and then set up norms for **financial** performance. One norm to clearly but firmly **communicate** is that primary care practices must break even by a defined date, such as year three or four. If practices fail to break even after focused **physician** and management attention, health care

organizations must face the difficult but inevitable decision of cutting them loose...

...a practice. Health care executives must move beyond mere profitability to provide advice on the performance and **financial** indicators unique to each specialty, e.g., internists, family practitioners and surgeons. Exhibit 1-based on statistics compiled in extensive national **surveys** conducted by MGMA, the American Medical Association, and Practice **Support** Resources-illustrates these norms. For example, by the third year of practice, an internist should have collections...

...in the office for 35 hours weekly and will require four full-time equivalents to provide practice **support** (FTEs). Working with similar benchmarks for practice years one and two, health care executives can ask performance...

...collections benchmarks. If revenue benchmarks aren't being met, the practice is probably having problems with marketing, **physician** productivity, pricing or coding. This is where health care executives can have a profound impact. Are prices and coding levels low? Not surprisingly, many **physicians** undercode. Either the **physician** doesn't know the appropriate code based on the intensity of care and services provided, or the **physician** fears that overzealous coding will trigger a **Medicare** or **insurance** audit. To make sure **physicians** receive proper guidance in coding and code appropriately, health care executives should develop a process through which a certified coder periodically audits patient charts and operative reports. Ultimately, the **electronic medical record** will ensure that patient problems, diagnostic findings, and treatment plans receive appropriate codes and stay in compliance with **Medicare** regulations. Also critical, of course, is giving MSOs and practice management groups the capital resources to purchase...

...better management reporting and effective capitation management. The goals are achieved by using clinical data in the **medical record** to drive **financial** processes. Marketing Health care executives should also make sure that practice marketing systems are in place to drive volume. Effective **physician** marketing is tactically oriented and focused on these areas: \* Managed care **promotion** : List all **physicians** in key managed care directories, typically made available to employees through their employers. \* Office hours: Check to...

...have evening and weekend hours to accommodate the busy schedules of people who work weekdays. \* New practice **promotion** : Insist that new practices be **promoted** through direct mail announcements, press releases, receptions, speeches, and screenings. \* Ongoing practice **promotion** : Push for ongoing **promotion** through newsletters, speeches, **support** groups, screenings, health fair participation, the **Internet**, media **relations**, and articles and columns. For example, one newly established Highland Park, Ill., pediatrician visited local school **nurses** and invited their follow-up phone calls. Because the **nurses** mentioned the pediatrician when parents asked for referrals, the pediatrician's practice boomed. In the end, the most effective primary care **promotion** strategy isn't based on costly, four-color direct mail campaigns, but on interpersonal **relationships** where one person makes a referral or recommendation to a **friend**, colleague or **relative**. Practice operations No practice can grow without good customer service practices, which fall into the following areas...

...policy should motivate staff to collect co- pays and deductibles so that 20% of a primary care **physician** 's revenue is collected at the time of service. Patient **communication** : Verify that staff know patients by name and remember enough detail to convey concern about patients as...



...s baseball team or her daughter's cat goes a long way toward bonding and building patient **relationships** . Introducing a patient recall and reminder system will make sure patients follow through on care recommendations while ...

...at the conclusion of each patient visit. This includes information such as provider number, home address, secondary **insurance** , CPT and diagnostic code and social security number. Revenue cycle management An MSO's bills can be...the issue of payment. For example, when a patient calls to make an appointment, staff should review **insurance** coverage, making the patient aware of co-pays and any balance due at the time of service...

...care practices are below 70 days, and that days in receivable for hospital-based practices and surgical **specialists** are below 80. If practices aren't achieving these days in receivable, examine the following benchmarks. Payments...

...make sure managed care companies pay the correct amount within a certain number of days. Because a **physician** practice can have contracts with up to 50 different managed care organizations, payments should routinely be compared with the managed care fee schedule. Payment processing: Make sure payments on **electronic** claims are received within 21 days of submission and that paper claims are paid by **third party** payors within 45 days of submission. Also, track denials by **physician** and by payor to identify trends in need of further **investigation** . For example, it's not uncommon for a payor to suddenly add a new field to a...

...field, the payor rejects what had previously been viewed as a clean claim. Managed care Credentialing: Credential **physicians** within all relevant managed care plans, with mechanisms in place to begin the credentialing process the moment...

...some plans taking six to nine months to process an application. Eligibility: Establish procedures to check patients' **insurance** eligibility. To avoid denials, make sure that practices know the procedures each managed care organization requires for...

...information in capitated patients to compare reimbursement to fee-for-service reimbursement. Expense management MSOs get into **financial** trouble because practices lack adequate revenue to **support** employed **physicians** . Primary care **physicians** need to earn twice their salary for the practice to break even. However, as with all businesses...

...revenues of only \$2.6 million. No matter how hard the system worked to control practice expenses, **physician** revenues could never cover **physicians** ' salaries. Ultimately, the system decided to eliminate five pediatricians. Also important is establishing benchmarks for staffing, which...

...For example, staffing for an MSO's central billing offices could be based on the number of **physicians** managed, as illustrated in Exhibit 3. Conclusion **Physicians** are trained to make decisions based on factual information. The process for improving practice profitability discussed in ...

...similar approach. An audit of an unprofitable practice or MSO identifies needs for improving patient satisfaction, marketing, **financial** performance, practice operations, revenue cycle management, managed care and expense management. While an audit should pinpoint the changes and resources needed to overcome practice problems, the real key to success is

communicating profit improvement strategies to **physicians** . In working with **physicians** , be sure to determine a time frame for strategy implementation and quantify **financial targets** , while also showing how the organization will provide **assistance** and **encouragement** . Mr. Peters is the president of Health Directions, Inc., an MSO turnaround and practice management firm which...

...708/915-2706; e-mail: jpeters@ingalls.org or kgrander@ingalls.org. MedPartners' decision to abandon the **physician** management business is further proof that the business is dying, but Jeffry Peters says it offers new...

20/3,K/9 (Item 6 from file: 636)  
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04067837 Supplier Number: 53543486 (USE FORMAT 7 FOR FULLTEXT)

CaseStudy: High-tech, Healthcare Expertise Results in \$1M First Anniversary.

Healthcare PR & Marketing News, v8, n1, pNA  
Jan 7, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 729

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Marshall of the executive search firm Marshall Consultants with offices in New York and Malibu, Calif. His **study** , published in HPRMN's Salary **Survey** issue, Nov. 12, 1998, found marketing executives in high-tech and healthcare command annual salaries of more...

...As a new agency, Abovo is commanding mutual respect from its clients who are also startups and **relatively** new players in their product category by using a four-step strategy for developing marketing **programs** . The four-step strategy, which involves discovery, planning, implementing and a review process establishes the framework for budget allocation, **targeted** message development, market **research** and **communication** tools. This marketing approach is what established an immediate agency- client "chemistry" for Avio Corp., an Orlando...

...coordinator and Nancy Joyce, VP of marketing services. Avio, which specializes in developing information systems for large **physician** practices, looked to Abovo to overhaul its marketing image. The branding campaign, which involved positioning Avio as a one- stop shop for clinical information systems, relied on market **research** and de-emphasizing the company's technical benefits. The latter aspect of the campaign was a major ...

...The bottom line that Abovo brought to Avio's attention was that while technological innovations are important, **physicians** are more important with exceptional customer service - a marketing void that Avio's competitors had not adequately addressed. To **support** its new "world-class customer service" positioning, Abovo helped to launch a fully integrated marketing campaign that included **ads** in at least 14 trade magazines, interactive exhibits in about 10 trade shows and marketing collateral (media kits, press releases, **catalogues** ). Fast Growth=Daunting Challenge As a new company working with a new agency, the pros outweigh the...  
...needs to address unanticipated market changes. "If we need to respond quickly to competitors with counter [marketing] **programs** , these new

efforts can over tax the resources of a new agency," says Dodge, referring specifically to mid-campaign market **research**, tweaking marketing messages and launching last-minute PR initiative. While Abovo's incredible growth is an exciting...

...the agency has to continue to land top marketing talent with seasoned high-tech, healthcare information systems **communications** expertise. In addition, the agency is so new that the executives it hires have to be willing...

...Headquarters: Atlanta President/Founder: Karen See Billings: \$1.7 million # Employees: 12 Healthcare Clients: Avio Corp., Brentwood **Medical**, Madison **Information Technologies**

20/3,K/10 (Item 7 from file: 636)  
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04059534 Supplier Number: 54028829 (USE FORMAT 7 FOR FULLTEXT)

**product strategies.**

Health Industry Today, pNA

August, 1998

Language: English Record Type: Fulltext

Document Type: Newsletter; Professional Trade

Word Count: 2677

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Tenet Healthcare Corp., Santa Barbara, Calif. Available to buy or lease under various Toshiba American Medical Credit **programs**, PowerVision 6000 carries a list price of \$150,000. The system is a mobile, all- **digital** ultrasound system that combines Toshiba's architecture technologies such as Quad Signal Processing and **Digital** Continuous Beam Former, to **support** its 256-channel **digital** platform and achieve high-frame-rate imaging with the portability of a compact unit. Customers receive installation training for about a day, which requires that a **specialist** spend some time scanning patients alongside the end-user to foster system orientation, McLean says. The new...

...a May meeting TAMS hosted in New Port Beach, Calif., that featured keynote speaker Dr. Flemming Forsberg, **assistant** radiologist and **research** head from Philadelphia-based Thomas Jefferson University Hospital. Flemming gave a talk to about 100 leading ultrasound...

...harmonic imaging, a patented technology developed by Toshiba that can be used in concert with ultrasound contrast **agents**: Following the introductory kickoff, the company displayed its new product at several national association meetings, including The...

...last June) and the American Society of Echocardiography (last June in San Francisco). A series of print **ads** have appeared in six journals: Diagnostic Imaging, Cardiology, Radiology, Applied Radiology, and The Journal of the American...

...service groups in New York, Atlanta, Dallas, Chicago and at the company's headquarters in Tustin. The **target** market consists of cardiologists, radiologists, obstetricians and gynecologists. Direct mailings are not planned at this time. "The...

...seen double-digit growth in the past couple of years thanks to a number of system upgrades. [www.acuson.com](http://www.acuson.com) [www.atl.com](http://www.atl.com) [www](http://www)

**assistance** was unlikely to increase unless the taxpayers of the north saw that this was the case. **Support** for microfinance should not be at the expense of other important means of intervention to reach the poor, such as **support** to health services and basic education. The gender perspective should always be present in the efforts of...

...a contagion, rather than showing signs of being reduced. In that context, efforts should be made to **study** the new poverty phenomenon in the globalization process. While working to eliminate existing poverty, the world should...

...growth and poverty eradication. Domestically, efforts should be made to create conditions that would contribute to the **promotion** of sustained growth with equity. At the international level, a favourable external environment should be established in **support** of the efforts by developing countries to eliminate poverty and develop their economies through such measures as...

...capital flows and the transfer of technology. He added that the international community should provide more meaningful **assistance** so as to break the vicious circle of poverty handed down from one generation to the next...

...People living in poverty must be encouraged to participate in the formulation of poverty eradication policies and **programmes**, and in transforming such policies and **programmes** into their own concrete actions. NORIKO SUZUKI (Japan) said the eradication of poverty continued to be the...

...creative energies. It also fostered responsibility for finding solutions and introducing the changes necessary to allow new **programmes** to take effect. To be successful, an output-oriented approach should be followed by all development actors...

...a strategy of development which combined efforts at general economic growth on a broad front with specific **programs** designed to address specific categories of population. In addition to efforts directed at favourable international economic environment...

...rights of the child and the needs of youth. In addition, he said, his country believed that **programmes** for addressing that problem should include: guaranteeing a certain level of employment to the rural poor and ...

...but unemployed rural and urban youth; care of nutritional, educational and health needs of women, and the **promotion** of their empowerment and equality in terms of remuneration and share in wealth; and the inclusion of ...far more rigorous in identifying constraints and then seeking to evolve measures to overcome the obstacles. \*M2 **COMMUNICATIONS** DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.\*

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04033356 Supplier Number: 53360651 (USE FORMAT 7 FOR FULLTEXT)

**New Directions.**

Bank Technology News, pNA

March, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

spontaneous **Internet** transaction, sponsored by your bank," says Jay Simmons, senior vice president of CertCo. The certificates are based...

20/3,K/13 (Item 10 from file: 636)  
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04027893 Supplier Number: 53340777 (USE FORMAT 7 FOR FULLTEXT)  
**PPMCs Form Hospital Ties.**  
Physician Manager, v9, n22, pNA  
Nov 13, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 2309

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

While there is bound to be some friction between hospital systems and **physician** organizations ~ both of which are looking to secure for themselves the largest possible chunk of the diminishing health care dollar ~ working **relationships** between the two camps can be beneficial, experts tell **physician** managers. Sheridan Develops Hospital Strategy About three years ago, Sheridan decided to off-load its office-based primary care and multispecialty practices in order to concentrate exclusively on managing hospital-based and hospital-focused **physician** groups. Since then, the firm has sold several primary care groups while acquiring new anesthesiology, emergency medicine and neonatology practices. Sheridan's goal is to establish complimentary **physician** networks around the hospitals with which it does business. For both PPMCs and hospitals, ~the difference between...

...patients and insurers, the combined entity can effectively steal market share from other, less-integrated providers. Such **relationships** allow hospitals to access a **physician** network without having to own one. ~They [hospitals] have begun to realize that running **physician** practices is not as easy as it looks, ~ Schundler says. In recent years, hospitals nationwide have almost invariably lost money on their owned **physician** practice operations. Schundler concedes there is inevitably some friction between entities that are ~ like hospitals and **physician** groups ~ vying for the same dollars, but contends the advantages of developing strong contracting and referral **relationships** far outweigh the drawbacks. Sheridan has 248 **physicians** including a network of 32 office-based OB/GYNs. While Sheridan's OB/GYN network is not...

...the firm's affiliated hospitals. Sheridan, like many hospital-oriented PPMCs, is an employment-model firm ~ buying **physician** practices and employing most of its **doctors** outright. Premier Has Hospital Owner Owned predominantly by a large hospital alliance, Premier Practice Management Inc. is...

...Inc., a nationwide alliance including some 1,800 affiliated hospitals. While hospitals may have a dubious track **record** managing **physician** practices, they are nonetheless vital partners for a practice management firm, contends William Comte, Premier Practice Management...

...area. The regional services organization is typically co-owned by a local Premier-affiliated hospital, the organization **physicians** and Premier Practice Management. The key to Premier Practice Management's approach is making sure that hospitals...

...such as opting to build ancillaries or adopting cost-containment

mechanisms) that are not in the best **financial** interest of the hospital. One of the ancillary benefits of working so closely with hospitals is that it places Premier Practice Management in an ideal position to offer management services to the hospitals' owned **physician** groups. Helping hospitals manage those **physicians** can be a valuable source of additional revenue for Premier Practice Management, Comte says. Based in San Diego, Premier Practice Management's regional services organizations include roughly 225 **physicians** in California, Florida, Georgia, Mississippi, New York, Tennessee and Washington, D.C. Under the auspices of its regional services organizations, Premier Practice Management buys the nonmedical assets of **physician** practices and manages **physicians** under 20-year arrangements. Hospitalists Inc. Walks Fine Line As its name implies, Laguna Hills, Calif.-based...

...hospital efficiency and draining hospital profitability. Hospitalists is one of the nation's first hospitalist PPMCs. A **relatively** new specialty focus, hospitalists are **physicians** ~ often certified pulmonologists ~ who organize and manage the care of patients from the time they enter a...

...reducing duplicative efforts and getting patients discharged as soon as possible, the ultimate goal of a hospitalist **program** is to reduce the time and cost of inpatient stays. Still, despite the cost-reducing aspects of the hospitalist mission, many hospital executives appreciate the efficiency a hospitalist **program** can bring to a facility, says Ernest Cook, MD, Hospitalists' vice president of operations. Also, for the growing number of hospitals that are accepting capitated risk from managed care companies, the implementation of a hospitalist **program** is a ~no-brainer,~ Cook says. Hospitalists markets its services to managed care companies, **physician** organizations (including other PPMCs) and hospitals ~ in short, any entities that accept **financial** risk for inpatient care. Hospitalists does not buy **physicians** ' practice assets. The firm inks short-term ~ less than 5-year ~ management deals with **doctors**. Veterans Beef Up Hospital Focus The focus on developing stronger hospital **relationships** has not been restricted to a handful of hospital-focused PPMCs. Orthopedic PPMC leaders Specialty Care Network Inc. and Ortholink **Physician** Corp. both recently launched inpatient orthopedic care management **programs**. On the multispecialty side, PPMC giant PhyCor Inc. has recently begun ramping up a new **program** to help manage the **physician** practices owned by large hospital systems. Perhaps the most consistently successful PPMC in the public sector, Pediatrix Medical Group Inc. is exclusively focused on hospital-based **care**. For more **information**, contact Sheridan at (954) 986-7506, Premier at (619) 509-6816 and Hospitalists at (949) 699-6000. Visit [www.aispub.com](http://www.aispub.com) for direct links to company Web sites. Peer Review Organizations to Pursue Hospital Payment Errors...On top of their long-standing quality-oversight responsibilities, HCFA will deploy peer review organizations to reduce **Medicare** payment error rates and re-educate the billing clerks, **physicians**, administrators and others who are the source of billing problems. HCFA's next round of three-year contracts with the 53 peer review organizations creates a new ~payment-error-prevention **program**, ~ which will require the peer review organizations to reduce **Medicare** payment errors by half. ~This is a redirection of the [peer review organizations],~ a government official tells **physician** managers. Under the new HCFA contracts, the peer review organizations will analyze **Medicare** billing data and do **record** reviews to pinpoint erroneous billing at each hospital, and then undertake major interventions to help hospitals improve billing practices. Interventions will include educating **physicians**, administrators and billing staff on proper billing and coding techniques. ~We want to cut the error rate...

...correct billing problems, the hospitals will be referred to the HHS Office of Inspector General for possible **investigation**. HCFA's contracts

with the peer review organizations also require them to work with local law enforcement agencies on **investigations** and case-building. The peer review organizations will get bonuses if they are effective at slashing the...

...rate. The new peer review organization duties are a major response to the OIG's audit of **Medicare** spending, which puts the error rate for Part A at about \$4 billion per year. The audit...

...review organization executive who is now president of National Health Resources in Great Neck, N.Y., suggests **physician** managers do the following: Scrutinize your hospital billing for medically unnecessary admissions. Look at all your one...

...making these judgments, including those put out by companies like InterQual and Milliman & Robertson, Schimel says. Likely **targets** include syncope, gastroenteritis and dehydration. Do 100% concurrent reviews of your DRG selections after they have been...

...done by DRG validators who are independent of the billing/coding department. You should use certified coding **specialists**, accredited **record** technicians or registered **record** analysts for this work, Schimel says. Make sure the validators search for undercoded as well as upcoded...

...basis for discovering undercoding; pay a flat fee so there's no appearance or actual gaming of **Medicare**. Implement regular inservice training for coders. Schimel is concerned about the details of the peer review organization...

...is the criteria for turning a hospital's billing errors over to the OIG for a fraud **investigation**? And will the peer review organizations use utilization review **nurses** to review coding choices ~ who he says may not be qualified from this unless specially trained? Finally...

...organizations and their staffs be banned from becoming whistleblowers? Schimel says paying the peer review organizations a **bonus** for finding payment errors could corrupt the integrity of the process.~ Executives at the peer review organization in New York state noted that these organizations have a long **history** of DRG validation, though never before on this scale. The New York peer review organization says it has been doing payment error reduction for **Medicaid** with great success, recouping \$100 million a year from hospitals. Contact Schimel at (516) 487-3822. Ten Key Criteria Identified as Necessary Ingredients For Successful Provider-Run **Medicare** Risk **Programs** As more payers remove themselves from **Medicare** risk, there is great opportunity for providers to fill the void. Charles A. Peck, M.D. and Mary Moak, both with Arthur Andersen, tell **physician** managers that payers, who in the past wanted nothing to do with risk- and **premium** -transfer to providers, are now willing to negotiate. In fact, payers are ready to shift risk to...

...in new ways and to cut deals at percentages unheard of in the past. But they tell **physician** managers that the **Medicare** population requires a much more interventional approach than the **commercial** population. Systems that are most successful in managing the **Medicare** population realize this and employ a number of strategies. Peck and Moak say that these strategies all...

...a provider or payer-run plan is to succeed: (1) Risk-assessment methodology. Twenty percent of the **Medicare** population generates 80% of the costs. It is vital in the **Medicare** arena to identify the most vulnerable seniors in an **HMO** prior to their accretion into the **program**, and intervene with preventive health and disease management **programs**. (2)

an agreement with Cygnus (Petoskey, Michigan) to develop and supply...

...agreement calls for long-term cooperation in the development and supply of materials. The GlucoWatch is currently in clinical **studies** in preparation for FDA submission. \* Encore Orthopedics, a unit of Encore Medical, has entered into a three-year...

...for tests critical to patient treatment. UMM Electronics designs, develops and manufactures instruments with specialized expertise in optical and **electronic** instrumentation adapted for diagnostics. \* Masimo (Irvine, California) has formed an agreement for Allegiance Healthcare (McGaw Park, Illinois) to include Masimo...

...oximetry signal processing and sensor technologies in a line of monitors to be offered in Allegiance's Best Value **Program**. Allegiance Healthcare is the principal U.S. operating subsidiary of Allegiance, which provides a broad range of products and...

...Richmond, Virginia) has formed a 10-year logistics information systems agreement with Perot Systems (Dallas, Texas) to develop an **Internet**-enabled digital marketplace for the health care manufacturers and providers served by OMI. The system will **support** OMI's distribution services for about 150,000 medical/surgical products it distributes for some 1,600 manufacturers to...

...manage all of the company's IT services, including overseeing the implementation of its Cost-Track supply chain management **program** and expanding OMI's **electronic** commerce and **Internet** capabilities. \* Raytel Medical (San Mateo, California) and St. Jude Medical (St. Paul, Minnesota) have signed an agreement to complete...

...agreement to provide Kaiser Foundation Health Plan and its affiliates with mammography screening equipment. Siemens did not disclose the **financial** terms, but said the order is the largest it has ever contracted with a single provider. \* UroCor (Oklahoma City)...

20/3,K/15 (Item 12 from file: 636)  
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04012940 Supplier Number: 53201695 (USE FORMAT 7 FOR FULLTEXT)

-U.S. DOD: DoD news briefing.

M2 Presswire, pNA

Nov 10, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 5423

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

M2 PRESSWIRE-10 November 1998-U.S. DOD: DoD news briefing (C)1994-98 M2 **COMMUNICATIONS** LTD RDATE:051198 Presenter: Lt. Gen. Dale Vesser (Ret.) Lt. Gen. Vesser: As you know, Dr. Rostker has been named Under Secretary of the Army, but he will retain his role as special **assistant** for Gulf War illnesses. He has asked me to come here today to share three firsts for us, at least for our organization in our **investigations**. We have just completed our second environmental exposure report on oil well fires. The first is that...

...years to put out these fires; it took nine months, because they did a



good job using **ad hoc** measures such as sea water and many techniques. Of course, they were the people who were most acutely exposed, so we got an initial look thanks to an early **study** that was done on the health of the fire fighters who were there for all nine months. Many of them were breathing this because they did not often use, as the **study** showed, breathing apparatus. The net effect of that **study** which was published at the time was that they appeared to be suffering no ill health or...

...let's go to the facts. Right after the war, in addition to the oil well fire **specialists**, roughly 20 environmental health teams went to the locations you see marked here in red to collect...

...air and soil samples. In addition, we had the U.S. Army environmental hygiene agency do a **study** that was the first risk exposure assessment based on a congressional law. And they used modeling techniques...

...terms of saying where the material went. In other words, it's like moving from analog to **digital** TV. You've got a lot more dots. We've got roughly 16 times the resolution with...

...stuff went that we had with the one that was used in 1994. Now, we can do **profiles** month by month. The exposure is in the dosage. The dosage depends on how long you were under the area where the contaminants were. This is a contour type **profile** that shows that the orange portion had -- troop units there had approximately 24 days exposure to contaminants... Ethylbenzene has a potential to cause both. Zilene (?) does not. This chart just shows something that was **pointed** out at the time that is important to grasp. That the exposure in Kuwait during the oil...

...allegation that has been widely circulated was that Saddam Hussein actually had his forces put chemical warfare **agent** at the well heads before he blew them up to distribute the chemical warfare **agent** in the fires. We can find no evidence that that in fact happened. Further, we know that we incinerate as we meet our obligations under the chemical treaties to destroy our own nerve **agents** at 550 degree fires are used in incineration to destroy these materials. These fires were burning at...

...cancer per 10,000 people. When I say do anything, I mean come up with a specific **program** to alleviate the situation. So what we have is a range that is an estimate that you...

...Our second first is we have engaged the Rand Corporation to look at the medical literature and **research** it on a number of subjects. Every one of these contaminants, pollutants is described in great detail...  
...just look at particulates. I would note while he's putting that up here that the Rand **research** is peer reviewed. They're an independent outfit, as you know. And we have asked them to...yet to do the one on what effect these carcinogens are doing. In addition to doing that **study** which is not due until August next year, CHPPM will be doing one on the connection between...

...talk about our third first. Those of you who heard our earlier accounts of our chemical warfare **agent investigations** know that we are talking about **investigation** of a single incident. For the first time, we have looked at a unit and its performance...

...of artillery raids up to the border. Then once the war started, the 11th Marines provided artillery **support** for the 1st Marine Division as over a four day period, they attacked during the ground war...

...so many alarms. You have to remember that artillery and an artillery

regiment like this has more **communications** than the standard infantry or light armored vehicle unit because they have to reach out and **support** other units. Radio ricochet coming up one of these many channels could give them access to reports of chemical warfare **agent** coming in which could cause them to take action. In addition, the way the artillery operates is ...

...does this mean? It means they're sitting ducks if there's a report of chemical warfare **agent**. They can't move out of the way from where the report is coming from. They have...

...well fire smoke or oil itself that gave what were called false positives. What we did, our **investigators** did, was look at all of these incidents as they always do, looking at documentation and also...

...went ahead and didn't take any chances that it might or might not be chemical warfare **agent**. Remember, everybody was very alert to this as a threat during the Gulf War. They masked, the...the 256 kit, didn't find any indication that they had, in fact, been exposed to chemical **agent**. These are three indications of what happened during this period. We could go through each and every...

...many of these instances, there was no means by which the Iraqis could have delivered chemical warfare **agent**, that is, there's no **record** of artillery. Through the entire period, there were no casualties or injuries treated within the unit that were characterized or identified as being from exposure to a chemical warfare **agent**. That our **investigators** made the determination after **investigating** each one of these and putting things in the context as I just described as it is unlikely that elements of the 11th Marines were exposed to a chemical warfare **agent**. At this **point**, I would say to you, three firsts. One, the first health risk assessment. Secondly, our release of...

...how many? A: I believe we at a total of 14 case narratives on the chemical warfare **agent investigations**, two environmental exposure reports and four technical papers. Q: Have any of these shown any link between...

...been the major vehicle and the environmental exposure reports, through which we've been doing that. VA **doctors**, DoD **doctors**, through the CCEP and the VA registries, have worked to compile a list of the illnesses that ...

...separate and distinct efforts. The bridge that we're trying to use to link them is the **research** effort which the Department and HHS and the VA are trying to do **research** in about 121 separate areas, the cost of \$115 million dollars so far, to make the link...

...no worse than driving up 95 in the days -- in early days. But I have an environmental **specialist** with me, Bill Shaughnessy. Bill, would you care to tackle that one? And I apologize to anybody...

...offended. (End of tape 1) Mr. Shaughnessy: (Start of tape) and I think this gets to your **point**. I make a direct comparison between the VOC levels that were observed during the monitoring **studies** in Kuwait and levels that were seen on the New Jersey Turnpike. No, we didn't do... levels, if you will. The ranges for the carcinogenic compounds and also for the non-cancer causing **agents**. The levels that were determined or estimated risk levels were below those action levels as determined by...

...that there is some kind of synergistic -- Mr. Shaughnessy: The

synergistic effect. Q: Did anything in your **research** look at that? A: We did not look at synergistic effects. We looked at multiple pathways of...

...A: That is the direction that we can go into in the future as far as future **investigations**. Q: A lot of people, when they look at things like sick buildings and whatever, in industrial...

...or have received the most attention as kind of a first run at this. The first tier **investigations** for environmental included depleted uranium, the oil well fires and pesticides. There will be others that will...  
...likelihood, we may be looking at some of the synergistic effects down the road, but at this **point** in time, we have not. Lt. Gen. Vesser: There's more to come on this issue. We have **research** that would indicate already that this may -- yeah. There's more **research** to come. We have indications already from some **research** that's been done and has been published, at least results have been reported in the press...

...these exposures, but with respect to some other things, stress may play a role. We have additional **research** under way and additional work yet to come on the subject you raised. Q: Let me ask...

...able to make a link yet. You said that that's what all this is about, this **research** is about. But is there to date any credible, valid, scientific **research** that establishes that service members who served in the Gulf are suffering these various ailments at higher...

...the incidents, of reported incidents of symptoms, increased over time and is there any connection between the **publicity** over those? A: We know that for both the VA registry and the CCEP registry for people...

...I think those individuals also got letters that they were possible exposed to low levels of nerve **agents** and we saw an increase of people coming in there. The British say that their rate of...

...has the symptom. A mild headache for two or three days won't send you to the **doctor**, but a mild headache for a month may send you to a **doctor**. And so I think that those are some issues that we need to take a look at...

...to get back to my original question, I take it from what you said that at this **point**, you can't with any degree of certainty say the Gulf War veterans are, in fact, sicker...

...have the data to be able to look at that. That is underway in the VA national **survey** where they have done a mail-out **questionnaire** to 15,000 who were in the Gulf and 15,000 who were not. They have done...

...they are now initiating a thousand in each of those two groups to come in with their **family members** for fairly extensive physical examinations, which will also include pulmonary evaluation, which would relate back to the oil well fire issue. And I think that as that **study** is done, we'll have a much better idea. There are other **studies** going on, for example, in Iowa, where they are looking at Gulf War veterans and looking at measuring their health. They've done a **questionnaire** and now they're doing the physical examination part. So I think these **studies** are underway and they will certainly shed more light on this issue. And I think the hard...

...Vesser: I would say that one thing that I would bring to your attention is our outreach **program**. We are concerned, of course, that not everyone who has symptoms is going to seek medical attention...

...active duty bases at both Camp Pendleton and Camp LeJeune. In addition, as part of our outreach **program**, we are carrying the word that we have a new outreach number that will let veterans get in touch with us and get help in getting their **medical records**. Do you have that number, Bob? I think that the outreach **program** is valuable in encouraging people and their chains of command to help individuals who need medical evaluation get it. Because our experience is that 80% of the illnesses we were talking about which **physicians** have identified can be treated once identified. And it's getting people with these symptoms, especially those...

...of the force. Q: Thank you very much. A: Good to be here with you today.  
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04012859 Supplier Number: 53201614 (USE FORMAT 7 FOR FULLTEXT)  
 -UN: Contribution of UNRWA to keeping Palestinian cultural identity alive  
 -- Fourth Committee debate.  
 M2 Presswire, pNA  
 Nov 10, 1998  
 Language: English Record Type: Fulltext  
 Document Type: Newswire; Trade  
 Word Count: 7832

(USE FORMAT 7 FOR FULLTEXT)  
 TEXT:  
 ...to keeping Palestinian cultural identity alive, among issues discussed in Fourth Committee debate (C)1994-98 M2 **COMMUNICATIONS** LTD RDATE:091198  
 -- Agency's Commissioner-General Also Calls Attention to UNRWA's Declining Income and Increasing...

...for the current year was expected to be some \$62 million. In the immediate future, UNRWA's **financial** deficit remained its most pressing problem. He noted that in Jordan, where 1.4 million Palestine refugees...

...not be compromised by preemptive actions which were not a part of the agreed upon dialogue. The **representative** of Syria said Israel's blatant challenge to the United Nations and relevant international treaties had caused...

...ran counter to current efforts and threatened more waves of destruction and violence -- especially the practice of **supporting** more Jewish settlements among the Palestinian people and in the Palestinian lands. Statements were also made this morning by the Rapporteur of the Working Group on the **Financing** of UNRWA, as well as by the **representatives** of Jordan, Bangladesh, Egypt, Austria (on behalf of the European Union and associated states), Ghana, Malaysia and...

...p.m. on Wednesday, 11 November, to continue its consideration on the work of UNRWA. Committee Work **Programme** The Fourth Committee (Special Political and Decolonization) met this morning to begin its consideration of the activities...

...Commissioner-General of UNRWA (document A/53/13) refers to general developments in the Agency's main **programmes** in education, health and relief and social services; **financial** matters, budget, income, expenditure and extrabudgetary activities; the Agency's current **financial**

...year's controversy surrounding austerity measures relating to hospitalization and school charges had subsided through the generous **financial support** of the international community. The international donor community had underlined its deep commitment to stand by the...

...of its foundation approached, the world must remain conscious that the Agency had been established to provide **assistance** only of a temporary nature and that it had not been intended to be a substitute for...

...in all its aspects. She said UNRWA's efforts in the fields of health, education and social **assistance** constituted an important stability factor for the peace process which could not be overestimated. It was the...said pending a peaceful settlement of the Palestinian problem, the international community had a moral responsibility to **support** UNRWA in its invaluable role of catering to the welfare of the Palestine refugees and enhancing socio...

...the Commissioner-General's concerns, raised in his report, which drew attention to the Agency's worsening **financial** situation which compelled the institution to adopt austerity measures and affected the quality and level of some...

...population. Ghana noted with appreciation the tireless work of the UNRWA staff in the face of such **financial** constraints, he said. He also drew attention to the contributions of donor countries to help sustain the...

...the 3.5 million refugees registered with it. The UNRWA's worthy efforts deserved the continued strong **support** of the international community. The continued **financial** shortfalls faced by the Agency would adversely affect its activities to improve the well-being of the...

...must be seen to yield positive results on the ground and in people's everyday lives. Continued **support** by the international community for the political process must therefore be accompanied by substantial economic **assistance**, particularly to the Palestinian people. The UNRWA played a vital role in that context. RENATO R. MARTINO...

...solution would not be crushed by extremism or terrorism. Moreover, his delegation urged the international community to **support** those who had crafted the Wye River Memorandum so that the security for the citizens of Israel...

...Jerusalem and cause it to lose the universal character which made it a heritage of humanity. \*M2 **COMMUNICATIONS** DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.\*

20/3,K/17 (Item 14 from file: 636)  
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04009137 Supplier Number: 53183908 (USE FORMAT 7 FOR FULLTEXT)  
-THE WHITE HOUSE: Remarks by the president on the patients' bill of rights.  
M2 Presswire, pNA  
Nov 4, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 2991

(USE FORMAT 7 FOR FULLTEXT)

...country to see this chart. I don't want any smokescreen. I've seen some of these **ads** that members of the other party ran about how they're really for this patients' bill of rights, and it made me think ours wasn't strong enough. And I looked at the **ad**, and then I went back and looked at their bill. So I think we need to look at their bill one more time. We say that medical decisions should be made by **doctors**, not accountants. Ours guarantees that; theirs doesn't. We say that there should be a guarantee of direct access to **specialists** if your primary **doctor** recommends it. Ours guarantees that; theirs doesn't. We say there should be real emergency room protections...

...get to a hospital knows this is a huge deal. We say you ought to keep your **doctor** through critical treatments. That's a guarantee of ours. What does that mean? It means if you...make jokes about it -- and be told in the middle of the treatment you have to change **doctors**? It's a big issue. This is not just a word on a chart here. This is a big, human issue. Protecting patients from secret **financial incentives**. You heard the **doctor**, what he said. Certainly, there should be no money going to **doctors** in HMOs for making cost-cutting decisions. Protecting medical privacy laws, holding health plans accountable for harming...

...I have no idea what political party Mrs. Jennings belongs to. I don't know if the **doctor** has ever voted for a Democrat in his life. (Laughter.) I don't know. I know nothing...

...six years here to get this budget balanced, to get it in surplus. We eliminated hundreds of **programs**. But we didn't stop trying to invest in education and **research** or Head Start. I believe they ought to save all the money they can on the health...

...first line of contact, you will never get in trouble for saying no. That's the last **point** I want to make about this. And the **doctor** implied this; I want to make it explicit. Put yourself, every one of you, in a position -- suppose you weren't a **doctor**. Suppose you were somebody with a BA in accounting and you got a degree and you're...

...do you know? You know you will never get in trouble for saying no. That's the **incentive**. You won't lose your job if you say no every time. Why? Because eventually they'll kick it up to somebody who will eventually get it right and if they're a **doctor**, they'll eventually get it right. The problem is -- you just heard today one gripping example of...

...them don't even have enough knowledge to know what to do, trying to second-guess the **doctors**. This is a big deal, practically. I've heard all these arguments about how, well, you don't...

...lawsuit. But people have to be held accountable in these cases so that we can change the **incentives**. So I ask you all to think about this. And I ask the American people to think...

...definition of the bottom line. Again I say, I hope the American people will go to the **polls** tomorrow in large numbers, and I hope they will vote in a way that sends ...people who need it, and remember what this is all about. Thank you very much. (Applause.) \*M2 **COMMUNICATIONS** DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.\*

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04009125 Supplier Number: 53183896 (USE FORMAT 7 FOR FULLTEXT)

-THE WHITE HOUSE: Remarks by the President to the Clergy.

M2 Presswire, pNA

Nov 4, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 3684

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...HOUSE: Office of the Press Secretary -- Remarks by the President to the Clergy (C)1994-98 M2 **COMMUNICATIONS** LTD RDATE:301098 4:45 P.M. EST The Ramada Plaza Hotel Jamaica, New York THE PRESIDENT...

...Reverend McCall, -- (laughter.) He was doing pretty good, wasn't he? Bishop Quick, Reverend Sharpton; my good **friend**, Congressman Schumer and his wife, Iris, and their daughter, Jessica. I think Congressman Towns is here. President...

...thank Carl McCall for his leadership and for what he said. I have tried to be a **friend** to all Americans, without regard to race or income or religion or standing in life. I am...

...had the chance to double the number of small business loans to African Americans and dramatically increase **support** for historically black colleges; to have had the largest number of African Americans serving in the Cabinet...

...than any president -- (applause); and 54 -- 54 -- federal judges. (Applause.) I say all that to make this **point** -- maybe not as well Dr. Forbes did. I don't seek any credit for that. It was...

...United States, over time, but especially in these last six years when we had such budget problems, **supported** a mission for the United States in space. And believed that mission ought to have benefits for...

...bottom it was a citizen's decision. So if you voted for a member of Congress who **supported** the changes we made in the space **program** but didn't want to shut it down, wanted to keep it going, then you had your...

...that last Friday and it made you feel good about your country, pushing for peace, if you **supported** me then you were part of that peace process. And today we announced we had another good...they do well in the Caribbean, if they do well in Latin America, if we have closer **relations** with Africa, it actually will help us also to build up our own people -- a lesson that those who **study** the Bible will not be surprised turned out to be true. But if you liked all that, if you **supported** me and my economic policies, you had a hand in it. It was your prosperity. I think...

...doing it. It's you doing it. It's being Americans in the best sense and being **rewarded** in the highest sense. You know, we got some things done, some important things done -- at the...

...may well have more in the future. A lot of seniors want to be in managed care **programs** for **Medicare** because then they get a prescription drug benefit. It's a big issue. I have never been...

...today you've got people -- heartbreaking people -- who were denied the care they should have gotten because **insurance** company, bureaucrats or

accountants said, no, you can't have it. You have people who get hurt...

...may be pregnant or the worker's spouse may be undergoing chemotherapy -- to be told to change **doctors** in the middle of one of those ...that, if somebody had told us, I'm sorry, we changed carriers, now you have to change **doctors** -- I don't know what I would have done. But it happens. And I could give you...

...to do it and others not, and then the people that aren't behaving well to get **rewarded** by getting more customers who are healthy with lower prices. So we said, okay, everybody ought to...

...re going to have a simple bill of rights for every patient. First of all, if your **doctor** tells you you ought to see a **specialist**, you can see one. Secondly, if get hurt you ought to go to the nearest emergency room...

...treatment that's serious, you ought to be able to finish it, even if your employer changes **health care providers**. Fourthly, your **medical records** ought to be kept private and not invaded. Finally, in essence, health care decisions ultimately should be made by **health care professionals** and patients, not by accountants. That's what we say.

(Applause.) Now, if we had just a...you. It all depends on you. I am more grateful than you will ever know for the **friendship** and the **support** of the people of New York, to me, to my wife, to my Vice President, to our administration; for the **friendship** and **support** of the African American community, and especially the clergy. But the thing about this kind of work

...there left to fight -- huge. And we need you. Thank you and God bless you. (Applause.) \*M2 **COMMUNICATIONS** DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.\*

20/3,K/19 (Item 16 from file: 636)  
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03959658 Supplier Number: 50331627 (USE FORMAT 7 FOR FULLTEXT)  
**Product briefs: PinPoint to unveil new locator system**  
The BBI Newsletter, v21, n10, pN/A  
Oct 1, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newsletter; Trade  
Word Count: 2439

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...1,000 feet for some. Those requiring location include newborn babies and key staff members, with the **electronic** tags capable of replacing the traditional hospital bracelet or being integrated into a hospital badge. Besides indicating location, the tags can be **programmed** to trigger alarms if someone leaves a designated zone or, say, a newborn is taken from a **nursery**. The alarm feature also could be used to ensure that babies move only with specified "**friends**," such as parents or hospital personnel. Besides securing infants, the system also could enable **nurses**, **doctors**, and even orderlies to determine not only where the patient is, but also where that patient has...

...mobile X-ray machines. The patent-pending 3D-ID system is based on what is called "pseudonoise" **research** conducted by the U.S. Department of



Defense. Its core technology is a Tag Tracking Network composed...

...unveiled at the Scantech exhibition in Chicago last month. PinPoint recently acquired \$8 million in capital to **support** pilot production by the end of the year and deliveries in 1999. Elsewhere in the product pipeline...

...Series includes four ICDs - Models 2000, 2010, 2011 and 2012 - along with the AngeFlex lead system, ICD **programming** system and external defibrillation test system. Angeion's ASEC dual-battery system uses battery chemistry and capacity...

...to 10 years of device longevity. Additional features include the Small Cap Biphasic Wave- form and **programmable** Hot Can electrode to lower defibrillation thresholds. \* Bio Medical Disposal (Norcross, Georgia) has received FDA approval for...

...an integrated battery and non-invasive blood pressure module, which can be incorporated into a majority of **health care information** systems. CardioDynamics said orders for the system already have been received from two of the firm's...360-degree rotating blade and clamp arm with an ergonomic design allowing the surgeon to approach the **targeted** tissue from any **point** and angle. It may be used for a variety of videoscopic procedures, such as Nissen fundoplication for gastroesophageal reflux disease, laparoscopically **assisted** hysterectomy, cholecystectomy, excision of endometrial implants, lysis of adhesions and myomectomy. Ethicon is a Johnson...

...2cm incision and is the least invasive endoscopic vessel harvesting system currently available for cardiac surgeons and **physician assistants**, according to the company. Features include in-line instrumentation, operating through a single, multi-lumen cannula for...

...Molecular Biosystems (San Diego, California) have been granted the CE Mark for their ultrasound cardiac imaging **agent**, Optison. Initial launches will be in Austria, Germany and the United Kingdom, with other countries following as...blood substitutes and liquid ventilation products and also claims the use of dual perfluorocarbons with different boiling **points** in liquid ventilation to control exhalation and pulmonary persistence. SBI holds 13 patents covering perfluorocarbons and is...

...setts) has received a notice of compliance from the Medical Devices Bureau of Health Canada for **commercial** -ization in that country of the company's HeartMate left ventricular- **assist** system. The approval allows the company to sell both the pneumatic and electric versions of its heart-**assist** device throughout Canada. The Heart-Mate is implanted alongside the natural heart in order to take over...

...said that the company developed "multi-slice CT not only to enhance the scanning efficiency of routine **studies**, but also to expand clinical applications for greater system utility." With faster acquisition of clinical data...

20/3,K/20 (Item 17 from file: 636)  
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03957696 Supplier Number: 50319643 (USE FORMAT 7 FOR FULLTEXT)  
1998: "Over 1 Mill" To Visit Clinical Trial Website  
Marketletter, pN/A

Sept 21, 1998  
Language: English    Record Type: Fulltext  
Article Type: Article  
Document Type: Magazine/Journal; Newsletter; Trade  
Word Count:    426

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Over 1 million people, mostly patients and their **advocates**, will visit the US CenterWatch website of more than 7,000 industry- and government-sponsored clinical trial listings (10% of the total) this year to find information on clinical trials. A new **program** making it easier for sponsors and their **research** partners to list their ongoing clinical trials on the **Internet** has also been introduced. Novartis and Biogen are among over 75 companies using the website regularly. Trials...

...illness or are seeking new treatment, says Alexandra Lopez, CenterWatch's web content manager. Patients on the **Internet** are well-educated and motivated to participate in clinical trials, she says, noting that more than one out of every three patients who visits the CenterWatch website will contact **research** centers about specific trials. The site also lists trials which pay for healthy volunteers, including children over...

...Patients interested in learning about clinical trials in various US regions can access the CenterWatch website at [www .centerwatch.com](http://www.centerwatch.com). There are plenty of websites for those interested in **researching** drugs. Some help to find out how a drug should be taken, while others note inaccuracies in professional or direct-to-consumer **ads**. Anyone can log onto the US government's site with information on drug safety **records** and warning letters at [www .fda.gov/cder/ drug.htm](http://www.fda.gov/cder/drug.htm), the National Library of Medicine database at [www .nim.nih.gov](http://www.nlm.nih.gov) or the Merck Index of Diagnosis and Therapy at [www .merck.com](http://www.merck.com). The NYT says the IMS site at [www .ims-health.com](http://www.ims-health.com) is one of the most comprehensive for information on the drug industry and is ...

...to navigate, the NYT notes, it has information on determining the most popular drug for any condition, **information treatment** trends and factors that can influence a **doctor** in prescribing certain drugs. RxList, set up by a San Francisco Bay Area-based **pharmacist**, lists 500 prescription drugs (90% of those available in the USA). Available at [www .rxlist.com](http://www.rxlist.com) is a list of ingredients for each drug, side effects and which insurers carry it on their formulary. An **online survey** found that 49% of users were **doctors** or **nurses** and 22.4% were **pharmacists**.

20/3,K/21    (Item 18 from file: 636)  
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03919754    Supplier Number: 50149078    (USE FORMAT 7 FOR FULLTEXT)  
-THE WHITE HOUSE: Press briefing by Mike McCurry and Chris Jennings (Part 1 of 2)  
M2 Presswire, pN/A  
July 9, 1998  
Language: English    Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count:    4081

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Office of the Press Secretary -- Press briefing by Mike McCurry and Chris Jennings (C)1994-98 M2 **COMMUNICATIONS** LTD RDATE:070798 1:04 P.M. EDT \* The Briefing Room MR. JENNINGS: Well, good afternoon again...

...that there were and apparently continue to be some problems in this area with some insurers providing **incentives** to **agents** and other practices that seem completely inconsistent with the letter and the intents of the Kennedy-Kassebaum legislation. Specifically, we've heard reports that there are commissions being structured in such a way that **agents** do not have **incentives** to enroll Kennedy-Kassebaum eligible enrollees, and also that they even go so far as to delay...

...this report forwarded to us, when he asked the Department to send a letter to every single **insurance** commissioner in this nation to make certain that they were enforcing the law consistent with the statute. Today, we will be making this announcement with the state **insurance** commissioners. The present **insurance** commissioner, Glenn Pomeroy, is going to be with us. He -- as you know, these are Republican and...

...in order for health plans that do come out of compliance. We are also directing HCFA to **report** any -- the **Health Care Financing Administration** -- any violations that they have found directly to OPM so they can make a determination as...

...s as successful as possible. Many people aren't aware that that legislation included not just the **insurance** protections, but a whole host of other things, including eliminating some of the discriminatory tax provisions for...

...back, but I would like to say that in The New York Times article yesterday on the **HMO** story wasn't the announcement that the President made on the low-income **QMB program**. That was something that, I think, no one had until the President made that announcement. But I...

...with this executive memorandum? What is the scope -- how many people are not able to get the **insurance** they thought they could get through Kennedy-Kassebaum? MR. JENNINGS: Well, actually, we've heard that since... in the first place in the legislation? MR. JENNINGS: There are enforcement provisions. In fact, both the **insurance** commissioners and the **Health Care Financing Administration** do have enforcement mechanisms. This builds on those mechanism and actually enhances them because not only...

...but you could face the consequences of no longer being able to participate in a much more **financially** fruitful enterprise, which is contracts under the FEHPP **program**, and that's why the President chose to move ahead on this. Q Has there been no...

...year, the GAO actually went to the field and in two out of the three states they **surveyed**, they found these violations. You may want to talk to them about specific companies. Q Since this...

...of Kennedy-Kassebaum, isn't it possible that there are criminal violations, and shouldn't they be **investigated** by the Justice Department? MR. JENNINGS: Well, to the extent that there are any violations whatsoever, they...

...we are today. Q I'm wondering why the President is not directing his Justice Department to **investigate** this more thoroughly and put resources into an **investigation** of that nature. MR. JENNINGS: Well, actually he has done that with HCFA, and the Justice Department...

...should do just that. All we simply are doing is using OPM's leverage with all other **insurance** plans in the country to push them into compliance or to insure they'll come into compliance...

...we don't have future problems. When you send a strong message like that, we think the **insurance** industry listens. And it's been my -- in fact, earlier this year, I was in a panel with the now President-elect of the Health **Insurance** Association of America who explicitly said that any such practice are in violations with the spirit of...

...and should not be tolerated. So I'm hoping that today, HIAA will continue their past public **support** of abhorrence to any type of activities in this area. Q The health **insurance** industry also says, though, that to the extent that there are problems, they are in states where raised in both contexts. Both the marketing abuses that we're addressing today and the **premiums** issue. And that's why the President, as part of this announcement, instructing Labor and HHS to...

...move to build on legislative interventions if they are necessary. Q There's no violation if an **insurance** company decides to charge an individual six or seven times the normal **premium** -- they're not violating Kennedy-Kassebaum, right? MR. JENNINGS: In fact, there are cases in which insurers...

...different actions to address that problem. For example, I believe it's North Dakota -- and maybe the **insurance** commissioner coming today can give you a little bit more information -- but also Maryland and other states...

...risk pools that -- are talking about, and others, more than 200 percent or 150 percent of the **premiums** that they're charging the rest of the individual marketplace. And you'll see that other states...

...might want to look at. If we're seeing that there are individual policies that are being -- **premiums** that are being charged at 10, 11, 12, 20 times the individual marketplace, that may justify some...

...you can refer further specific questions about the details of that to our Cabinet Secretary or our **attorneys** in the White House. Q Basically, it's like an inter-office memo in the corporate world...

...saying your putting more teeth in this? I mean, wouldn't that give them some sort of **incentive** to comply with the law? MR. JENNINGS: Well, to the extent that we have real problems in...

...he's going to be here with the President and as you know. Again, once again, the **insurance** commissioners are a bipartisan organization that have more Republicans than Democrats and are standing with us today...year, that would certainly suggest that that might be replicated across the country. They did a random **survey**; they went out into the states, and they did that. To the degree to which it it...

...other legislation? MR. JENNINGS: That is correct. That is correct. That is a troubling -- and as David **points** out, there have been reports of that in Colorado, California, others, that insurers are charging 10, 15, 20 times the rate of **premiums** they're charging for other people in the individual marketplace. If that is a broad problem across...

...MR. JENNINGS: Well, the advantage, of course, if you're a federal employee is, you have health **insurance**, so this isn't an issue of going -- this is an issue where you go from a...

...into an individual marketplace and finds themselves to be getting inappropriate treatment by an insurer or an **agent** . That would provide protection to that former federal employee, but this doesn't have any direct impact...

...MR. JENNINGS: No, I'm telling you, I just went through -- Q -- are there companies who sell **insurance** to federal employees who have been cited by GAO or other organizations? MR. JENNINGS: I'm sorry...

...federal employees? Is that what you're asking? Q The companies that you're essentially going to **target** under this -- MR. JENNINGS: Oh, is there a list of the number of insurers and who they are? Q No, the companies that you're **targeting** , have they been cited by GAO or others for violating Kennedy-Kassebaum? MR. JENNINGS: I would have...

...Let me just say that adequate and strong enforcement of an important legislative act like -- that was **supported** by Republicans and Democrats alike, is something that I don't believe is political by any means...Do you think the Kennedy-Kassebaum law has generally worked as it was intended, and generally made **insurance** available to the people who it was intended to provide **insurance** for, and this is the exceptional case? Or do you think that the law has not worked...

20/3,K/22 (Item 19 from file: 636)  
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03917205 Supplier Number: 50136005 (USE FORMAT 7 FOR FULLTEXT)  
**Romancing the Consumer: Unlocking Future Profitable Growth for Health Plans**  
Managed Care Week, v8, n22, pN/A  
June 22, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1420

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...sparked by greater plan choice, significant benefit changes, cost shifting by employers and the growing accessibility of **health care information** . Focusing on consumers is part of, not separate from, getting core business right: large economic **rewards** . Due to the increasing importance of the consumer, new capabilities to design and deliver products and services...

...must redesign products, marketing and risk selection to acquire, develop and retain selected, attractive populations. The economic **rewards** are large for plans that are among the first to focus on consumer segments. Managed care plans...

...capture the alliances and management talent to win. For example, serving consumers better might involve alliances with **financial** institutions or dominant provider networks. Few Barriers to Getting Started Many health plans realize the economic benefit...

...data. In addition, guaranteed issue means that plans must accept all comers but can design products to **target** segments. Also, creative health plans are finding economic ways to reach consumers, including working with "progressive" rather...

...places similar weight on specific potential attributes of a health plan. Segmenting Values, Consumers, Risk Given the **relatively** undeveloped state

of consumer marketing in health **insurance** , the difficulty of matching **research** -based values to buying behavior and the **relatively** low cost of experimenting with the marketing of selected plan attributes, health plans should not spend endless time and money creating a perfect consumer segmentation. Rather, plans should do solid **research** with consumers and others in positions of influence, such as brokers, to determine what consumers really want...

...and marketing existing, attractive plan attributes to a segment. For example, Humana Inc. has touted access to **Advocate** Health Care hospitals in **ads** to boost enrollment in one of its **Medicare** HMOs. In addition, health plans can add simple elements to plan design to attract **target** groups. For example, San Francisco-based Blue Shield of California recently added acupuncture and other alternative medicine...

...design concepts to include business system changes that add real value. For example, adding a Spanish-speaking **specialist** in a particular area will improve the care received by Spanish- speaking enrollees, because they might chose not to go to an English-speaking **specialist** . And Oxford Health Plan Inc.'s new care teams would be an example of investments in analysis and **communication** technologies that could enable real improvements in care. To decide what levers to pull, plans must identify priorities based on the cost/challenge of meeting unmet needs. A critical element of designing a **program** is to understand the risk-based segmentation of consumers " analyzing the risk economics of various groups of...

...segment that is not profitable. Over time, risk segmentation will become a critical competitive lever as plans **target** the most attractive groups through value segmentation. Charging the right price to a group of customers for...

...value. Acquisition Economics Make the Difference The distribution channels and resulting delivery economics are critical elements of **program** design. Health plans must evaluate the cost to attract and retain **targeted** population segments using current or new channels and **programs** . Acquisition economics can make the difference in choice of **target** segments and concepts. Health plans must think creatively about acquisition. For example, in marketing at work sites, many plans simply use general booths and information brochures. But marketing channels can be **targeted** at specific employee groups with interactive marketing such as **Internet** sites or outbound call centers. In the past, plans focused on signing up new employers. But in the future, plans will focus on increasing penetration of a **target** segment of employees within an existing employer-client's workforce. Health plans should begin with modest exploratory...

...with two years of analysis followed by two years of pilots. Instead, plans can quickly develop new **programs** , improve them and invest in skills and assets over time. The key is for health plan executives to give as much attention to building the consumer into the business as to developing employer **programs** . Michael Conway, Engagement Manager, McKinsey & Co. Inc., Oslo, Norway; Vivian Riefberg, Principal, McKinsey & Co. Inc., Washington, D...

20/3,K/23 (Item 20 from file: 636)  
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03911411 Supplier Number: 50116484 (USE FORMAT 7 FOR FULLTEXT)  
-DEPT OF HEALTH: Nye Bevan memorial lecture

M2 Presswire, pN/A  
June 30, 1998  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count:      3595

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

M2 PRESSWIRE-30 June 1998-DEPT OF HEALTH: Nye Bevan memorial lecture  
(C)1994-98 M2 **COMMUNICATIONS** LTD RDATE:290698 A Third Way for Public  
Health - Tessa Jowell Giving the Nye Bevan Memorial Lecture...

...inaugural memorial lecture for a man who was a giant of social reform in British twentieth century **history** . "Nye Bevan's life was an astonishing mixture of principle, compassion, humour, determination, achievement and disillusionment. He...

...waiting lists and through initiatives such as NHS Direct - we must also seek a third way of **promoting** and protecting the public health of the country - a way which recognises the realities of the present...

...of the worst off in society and to narrow the health gap. "Later this year the Independent **Inquiry** into Inequalities in **Health** will **report** to Government on a review of the evidence for the most effective action we can take to reduce **health** inequalities. The **report** will inform the development of the White Paper which will set out our definitive strategy for improving...efforts to a long term haul to reduce them. We have set ourselves a huge and challenging **target** which no Government has done before. "Another key challenge that has become apparent as life expectancy increases...

...the worst off. "So we are working on a bold and new agenda. If we meet the **targets** proposed in the Green Paper then we will be saving at least 15,000 lives from preventable...

...way. Individuals on their own can find it hard to make a difference. But with help from **friends** and families and **support** , when it is needed, from local and community agencies, they can make real changes. And those local agencies need central Government to provide leadership and put in place the national building blocks and **support** . "Without individuals, families and communities working together, Government achievements will be limited. Without Government playing its full...

...early as 1915. The city has also retained a well earned reputation as a leading provider of **nursery** education. And initiatives such as these delivered results. Salford was the first city in Britain to wipe...

...over again. It means being flexible and responsive. It is an ongoing process, not a one-off **survey** at the start. "And it is risky. I know this, because it is something we are wrestling...worst off in society - the marginalised, the excluded and those who are trapped in severe and grinding **financial** hardship. "So that is a key aspect of the local picture. The Government role is also an...

...put Bevan in the middle of a political minefield. He eventually succeeded in getting a substantial building **programme** under way and it was to his credit that housing was no longer a liability at the...

...grown up and worsened over decades will not be solved overnight, but our establishment of the Independent **Inquiry** into Inequalities in Health is a clear sign of our determination to equip ourselves with the best...

...much stress makes you ill. Our ability to cope with stress affects our health. The quality of **relationships** in society - at home, at work, in the street - are incredibly influential on our health. It may...

...We need to have the self confidence and maturity to recognise that the way we handle our **relationships** with each other is a key component of our health. "But in doing so we need to...

...pathways and connections between the psychological and physiological, but I think there are already policies we can **point** to which will help to bolster the psychological resilience and emotional self-confidence of our society - in...

...Pre-school education will be a vital part of that. So too will be the quality of **relationships** that the very young have with their parents. Educational achievement - at whatever age - helps to protect against... wrote in 1952, "No Government that attempts to destroy the Health Service can hope to command the **support** of the British people." Though New Labour and "Bevanism" may not coincide all the time, when it...

...a system of social habits that constitute an indispensable part of what we mean by civilisation." \*M2 **COMMUNICATIONS** DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.\*

20/3,K/24 (Item 21 from file: 636)  
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03903890 Supplier Number: 50089180 (USE FORMAT 7 FOR FULLTEXT)  
-U.S. HHS: **First federal obesity clinical guidelines released**  
M2 Presswire, pN/A  
June 18, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1578

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...PRESSWIRE-18 June 1998-U.S. HHS: First federal obesity clinical guidelines released (C)1994-98 M2 **COMMUNICATIONS** LTD RDATE:170698 The first Federal guidelines on the identification, evaluation, and treatment of overweight and obesity...

...Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). These clinical practice guidelines are designed to help **physicians** in their care of overweight and obesity, a growing public health problem that affects 97 million American...

...methodology," said NHLBI Director Dr. Claude Lenfant. "This report will be an invaluable clinical tool for any **health care professional** who works with overweight or obese patients," he added. The guidelines are based on the most extensive...

...risk factors for diseases and conditions associated with obesity. The guidelines' definition of overweight is based on **research** which relates body mass index to risk of death and illness. The 24-member expert panel that...



...BMI of 30 and above, which is consistent with the definitions used in many other countries, and **supports** the Dietary Guidelines for Americans issued in 1995. BMI describes body weight **relative** to height and is strongly correlated with total body fat content in adults. According to the guidelines...

...30," said Dr. F. Xavier Pi Sunyer, chairman of the expert panel and director of the Obesity **Research** Center, St. Luke's/Roosevelt Hospital Center in New York City. "The guidelines tell the truth about the risks associated with unhealthy weight. We hope that **physicians** and the public will take the message seriously and use the guidelines to begin to deal effectively...

...problem," asserted Dr. Pi-Sunyer. According to a new analysis of the National Health and Nutrition Examination **Survey** (NHANES III), as BMI levels rise, average blood pressure and total cholesterol levels increase and average HDL...

...patients without risk factors should prevent further weight gain, advise the guidelines. In addition to measuring BMI, **health** care **professionals** should evaluate a patient's risk factors, such as elevations in blood pressure or blood cholesterol, or family **history** of obesity-related disease. At a given level of overweight or obesity, patients with additional risk factors...

...be at higher risk for health problems, requiring more intensive therapy and modification of any risk factors. **Physicians** are also advised to determine waist circumference, which is strongly associated with abdominal fat. Excess abdominal fat loss therapy. **Physicians** should have their patients try lifestyle therapy for at least 6 months before embarking on **physician** -prescribed drug therapy. Weight loss drugs approved by the FDA for long-term use may be tried as part of a comprehensive weight loss **program** that includes dietary therapy and physical activity in carefully selected patients (BMI >30 without additional risk factors...

...balance," she said. The upward trend in adult obesity has also been observed in children, notes the **report**. Since **treatment** issues surrounding overweight children and adolescents are quite different from the treatment of adults, the panel called...

...as possible. However, a healthy eating plan and increased physical activity is an important goal for all **family** **members**. With that in mind, the guidelines contain practical information on healthy eating. Based on this material, the...

...medical and professional societies. They have been endorsed by the coordinating committees of the National Cholesterol Education **Program** and the National High Blood Pressure Education **Program**, the North American Association for the **Study** of Obesity, the NIDDK Task force on the Prevention and Treatment of Obesity, and the American Heart...

...the Identification, Evaluation, and Treatment of Overweight and Obesity in Adults will be distributed to primary care **physicians** in the U.S. as well as to other interested health care practitioners. It is available on ...

...referred to above are available by writing to the NHLBI Information Center, P.O. Box 30105, Bethesda, **MD** 20824-0105. CONTACT: NHLBI **Communications** Office Tel: +1 301 496 4236 \*M2 **COMMUNICATIONS** DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.\*

20/3,K/25 (Item 22 from file: 636)  
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03901392 Supplier Number: 50075552 (USE FORMAT 7 FOR FULLTEXT)  
-UN: Assembly special session on countering world drug problem together  
concludes at Headquarters  
M2 Presswire, pN/A  
June 11, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 3835

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...UN: Assembly special session on countering world drug problem together  
concludes at Headquarters (C)1994-98 M2 **COMMUNICATIONS** LTD RDATE:100698 \*  
8-10 June -- Adopts political declaration, guiding principles on demand  
reduction, measures to enhance international cooperation to counter world  
drug problem **Targeted** commitments to reduce the demand for illicit drugs,  
the manufacture of psychotropic substances and the diversion of...

...statement, delivered on his behalf by Pino Arlacchi, Executive Director  
of the United Nations International Drug Control **Programme**,  
Secretary-General Kofi Annan said the end of the session marked the start  
of a new chapter...

...fact, there never was one. Instead, the better analogy for the  
international community is that of a **doctor** facing a deadly disease.  
Drugs -- quite simply -- kill people. And it is our responsibility to help  
find...

...be achieved within precise time-frames. There were now three  
agenda-setting political documents that enjoyed unanimous **support**. "What  
is needed then for this session to go down in **history** as a truly  
watershed event is to make sure that all of these plans are translated into  
...

...By the year 2003, Member States were asked to: -- establish new or  
enhanced drug reduction strategies and **programmes**; -- establish or  
strengthen national legislation and **programmes** to combat the illicit  
manufacture, trafficking and abuse of amphetamine-type stimulants (ATS) and  
their precursors; -- adopt national money-laundering legislation and  
**programmes**; and -- strengthen multilateral, regional and bilateral  
cooperation among judicial and law enforcement authorities to deal with  
criminal...

...the coca bush, cannabis plant and the opium poppy. The Declaration on  
Guiding Principles contains standards to **assist** governments to establish  
drug demand reduction **programmes** by the **target** date. It also contains  
standards to guide governments to set up effective prevention, treatment  
and rehabilitation **programmes** and calls for the provision of adequate  
resources for such **programmes**. By a five-part resolution, the Assembly  
urged Member States to adopt measures to enhance international cooperation  
...

...counter the world drug problem. Those include action plans to combat ATS  
and their precursors, and to **promote** international cooperation on the  
eradication of illicit drug crops and on alternative development. Other  
measures concern the control of precursors, the **promotion** of judicial  
cooperation and countering money-laundering. Also by the resolution, Member  
States expressed their resolve that...

abusers with education, treatment and rehabilitation services. The resolution on measures to enhance international cooperation to...

...and abuse of ATS and their precursors (Part A); measures to control precursors (Part B); measures to **promote** judicial cooperation (Part C); a text on countering money-laundering (Part D); and an Action Plan on...of steps relating to the social, economic, health and cultural dimensions of abuse of ATS. The text **advocates** the positive use of information technology, such as the **Internet**, for educational and training purposes. States should use technology to disseminate **information** on adverse **health**, social and economic consequences of abuse of ATS. The principal supply control strategies are to **target** trafficking, stop illicit manufacture and prevent diversion of laboratory equipment and precursor chemicals. The close cooperation of...

...of substances included on the special surveillance list. Part C of the document -- addressing the measures to **promote** judicial cooperation -- recommends that States take action in the following seven areas: extradition; mutual legal **assistance**; transfer of proceedings; other forms of cooperation and training; controlled delivery; illicit traffic by sea; and complementary...

...The document recommends that States designate an authority to make and to execute requests for mutual legal **assistance**. States are also asked to consider entering into agreements with other States that have similar legal systems to transfer or receive proceedings in criminal matters and to develop or expand **programmes** for the exchange of law enforcement personnel. In addition, the text recommends that States ensure that their ...

...establish a legislative framework to criminalize the laundering of money in order to provide for the prevention, **investigation** and prosecution of that crime. States were also urged to establish a **financial** and regulatory regime to deny criminals access to national and international **financial** systems. The Action Plan on international cooperation on the eradication of illicit drug crops and on alternative...

...another. States with problems of illicit drug crop cultivation are also asked to ensure that alternative development **programmes** are complemented by law enforcement measures. The international community and the United Nations system, in particular the UNDCP, should provide **financial** and technical **assistance** for alternative development. The United Nations system and **financial** institutions should also cooperate in **supporting** rural development for regions and populations affected by illicit crop cultivation. Special Session Officers The President of...

...United Kingdom, United States, Viet Nam. Alvaro de Mendonca e Moura (Portugal) was elected Chairman of the **Ad Hoc** Committee of the Whole. Alberto Scavarelli (Uruguay), N.J. Mxakato-Diseko (South Africa), Daniela Rozgonova (Slovakia) and N.K. Singh (India) were elected Vice-Chairmen. Mr. Singh also served as Rapporteur. \*M2 **COMMUNICATIONS** DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.\*

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03895570 Supplier Number: 50058044 (USE FORMAT 7 FOR FULLTEXT)  
**FOCUS ON IT STAFFING**  
Information Technology Report, v5, n9, pN/A  
May 15, 1998

Language: English      Record Type: Fulltext  
 Document Type: Magazine/Journal; Trade  
 Word Count: 1922

... out with users for critical applications. 'Act as project champion for new installations to first line of **support**. Resources: Has 19 full-time equivalents, including desktop coordinator and five analysts for help desk and training, three full-time operators and two part-time operators, five **programmers**, a network manager/administrator, and three managers. Integration: Have key projects that are difficult to integrate with...

...report writing. May bring in help for Y2K because getting behind. Do little development in house, using **third party** products instead. Create minor applications needed by departments. **Support** provided by analysts, not separate help desk personnel. Resources: Uses **support** agreements with all vendors, covering virtually all applications. Some departments like laboratory, pharmacy, and radiology manage their...

...low, but with a dozen members, each loss means accompanying loss of knowledge. Integration: Trying to make **support** of integration easier with HL-7 interfaces. Use DataGate from Software Technologies Corporation (STC) of Monrovia, CA...

...Medical Systems Corporation modules for patient accounting, EAD (enterprise access directory) patient tracking system, LCR (lifetime clinical **record**), and **Electronic** Patient Folder from IMNET Systems Inc. Challenges: Attracting and retaining people for a demanding work environment. Must...

...Resources: About 120 positions with 10% vacancy. Recognizes salary pressure from industry. Use many consultants, mostly from **third parties** but some from vendors. Vendor consultants used to outsource installations rather than as supplement for internal installation...

...is not burning people out. Developed plans to define priorities and educate users to set expectations. Case **Study**: MIS Man Grows with the Job When South Peninsula Hospital in Homer, Alaska, hired Steve Boyle as...  
 ...of all problems into his lap. Boyle had to create an information systems department from scratch and **support** newly purchased computer systems. South Peninsula's management had replaced two aging IBM S/36s with a...

...tests to South Peninsula's AS/400, which would then send the results to the clinic. An **electronic** link would be most efficient, but stringing a wire to the clinic was out because of the lay of the land and the conditions of the road. So, Boyle implemented a wireless **point-to-point** link instead. Now, the clinic's staff can key information directly into South Peninsula's AS/400...

...printer over the wireless link. "The direct link lets us provide lab results very fast, and eliminate **communication** errors and the problem of lost ...the middle of a snowstorm and "it's done just fine." Then there's the computerization of **nurses'** administration work. Boyle had initially planned to install PCs at the **nurses'** stations so they could key in charting and **care plan information**, but that would require too much desk space. Also, the **nurses** were afraid it would make them concentrate more on the computers than on their patients. So, Boyle...

...them mobile," he says. "It'll let us utilize software at the patient's bedside which will **assist** in gathering more complete and accurate information and make for better organization of patient information." The

laptops...

...side effects which runs on CD-ROMs on the Novell LAN. Boyle plans to integrate a new **electronic** pharmacy system into South Peninsula's systems so that **nurses** could call up data from that as well in the future. The wireless LAN is being extended...

...also use the laptops, wireless LAN and bar coding to conduct the next inventory assessment. Meanwhile, the **nurses** will use bar code guns on their laptops to read patient numbers and **record** charges for supplies used to each patient's account. Other projects under way include planning for the...

...with the laptops and the wireless LAN. The scanning and archival system will eventually contain all patient **medical records** and be accessible from the laptops. The Web site will be for intranet and **Internet** use. Currently, staff share information by creating WordPerfect files and storing them on the Novell server. "You...

...PC applications are WordPerfect 6.2; Borland's Quattro Pro 6.0; Pegasus E-mail for internal **communications**; Micromedex; and HelpStar, a help desk software package through which users submit requests for help to the IS department. Boyle recently installed a Windows NT server to **support** his pilot **electronic** image scanning and storage system. The laptops currently run e-mail and bar code scanning systems. While...

20/3,K/27 (Item 24 from file: 636)  
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03889906 Supplier Number: 50037196 (USE FORMAT 7 FOR FULLTEXT)  
**New Treatments for Schizophrenia - Part II**  
Harvard Mental Health Letter, v14, n11, pN/A  
May 11, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; General  
Word Count: 1934

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...helping them help the patient. They can be educated about the illness and trained in problem solving, **communication**, and stress reduction. They can also be helped to identify signs of relapse and develop realistic expectations. When compared with routine care and individual therapy in several controlled **studies**, family management has been found to cut relapse rates up to 50%. Just what makes it helpful is not entirely clear. In one **study**, behavioral and problem-solving training was found to be no more effective in preventing a relapse than simple meetings in which **family members** provided mutual aid and comfort and exchanged information and advice. **Researchers** are now studying which forms of **support** provide the most effective use of resources. In a recent National Institute of Mental Health (NIMH) **study**, relapse rates were the same for monthly and weekly family education. Another recent **study**, conducted at Columbia University, suggests that multiple family groups (with two **therapists** and several families) are both less expensive and more effective than single-family groups. Meeting once every...

...groups, and they also used lower doses of drugs (see Mental Health Letter, October 1995). But other **studies** have found no difference between the two types of groups. Housing From the old days of overcrowded...

...crisis residences, halfway houses, and cooperative apartments with resident or nonresident staff providing medical care and other **support** . None of these arrangements is entirely satisfactory for schizophrenic patients and their families. The patients usually prefer...

...to check on them occasionally, supervise their medications, and help in a crisis. This arrangement, known as **supported** housing, has been attracting increased attention from the federal government and is now the subject of several...

...and landlords may not want to keep an apartment empty while a schizophrenic patient is hospitalized. But **supported** housing may be the best use of resources in the long run; a recent **study** suggested that it could save the state of Tennessee more than \$40 million a year. Independent living...

...costly. Whatever their assigned living arrangements, the patients most likely to revert to homelessness were those the **clinicians** had judged to need group housing and those who insisted most strongly on living by themselves. Most...

...and most of them also have a drug or alcohol problem. They can be helped by outreach **programs** on the street, at drop-in centers, soup kitchens, and shelters. To gain their trust for a...

...provides income but establishes a routine that stabilizes their lives and may help to prevent relapse. One **researcher** found recently that wealthy patients at a private hospital did worse in the long run than state- **supported** patients in a rural area, partly because they had no **incentive** to work. Probably the most effective arrangement is rapid placement in an authentic job with long-term follow-up **support** . In six controlled **studies** , this approach has been found to be more effective than vocational training in hospitals or sheltered workshops...

...up for lost entitlements. Integration of services Schizophrenic patients are served by many different agencies that often **communicate** poorly with one another, and they may lose contact with the institutions they depend on because no...Usually 10 to 12 staff members take responsibility for 100 to 120 patients, supervising medications, helping with **finances** , monitoring health care, visiting homes, consulting with families, and providing **support** in crises. Team members meet daily to coordinate their efforts. ACT has been described as a hospital...

...the Mentally Ill, the major advocacy group for families of schizophrenic patients, has said that ACT gives **family members** peace of mind. Patients themselves seem to like it as well. Some controlled **studies** , mainly in the last 10 years, suggest that it limits the length of hospital stays, reduces the need for emergency medical services, and improves the patient's quality of life and family **relationships** . But a recent meta-analysis of nine **studies** found no statistically significant effect - possibly in part because standard care has already incorporated many features of...

...system is to become more widely available, the separate operations of hospital services and community mental health **programs** may have to be reorganized and combined. Patients and families prefer integrated **programs** like ACT partly because they provide more reliable housing than the alternatives. In 1997, Yale **researchers** reported the results of a national **study** on the effects of extra funding for service system integration at 18 sites in several states. The...

...for nearly 2,000 patients, a third of them schizophrenic, after 3 and 12 months. The integrated **program** reduced depression, psychotic symptoms, and drug and alcohol abuse slightly, but the effect on housing was greatest. Patients in highly integrated **programs** maintained themselves in independent housing at a much higher rate (62% vs. 30%). The **study** was not fully controlled, since patients could not be assigned to **programs** at random. The integration of services is needed especially given the high rate (up to 50%) of...

...are regarded as a disruptive element in addiction treatment, and addicts are equally unwelcome in mental health **programs**. The NIMH is now funding demonstration projects in which schizophrenic patients with drug problems are treated by...

...alcohol and drugs, and develop the social skills needed to reject offers of alcohol and drugs. Some **researchers** believe that clozapine is also useful in reducing craving. As the success of the new medications makes...  
...clear that schizophrenia is a brain disorder, the social stigma attached to the condition continues to fade. **Researchers** in the biological and social sciences are developing new ways to treat the disorder and refining choices...

...improved understanding of the genetic roots of schizophrenia will permit better family counseling and planning, and further **studies** of the characteristics that heighten vulnerability to the disorder will **promote** earlier detection and treatment. **Researchers** are already examining the usefulness of experimental crisis teams that offer immediate treatment for the earliest psychotic symptoms. The **study** of brain development and functioning, informed by magnetic resonance imaging and other new technologies, may eventually suggest...

...Meanwhile, pharmacologists are taking advantage of an improved understanding of neurotransmitter systems to devise drugs more precisely **targeted** to the symptoms of schizophrenia. Social experiments are providing more reliable **information** on group **therapy**, family management, and housing **programs** and suggesting new ways to organize and **finance** the care of patients. The Mental Health Parity Act, which took effect on January 1, 1998, requires equal **insurance** coverage for mental illness in business health plans. A second revolution in the treatment of schizophrenia has...

...A Guide for Families. Oakland, CA: New Harbinger Publications, 1994. David L. Penn and Kim T. Mueser. **Research** update on the psychosocial treatment of schizophrenia. American Journal of Psychiatry 153: 607-617 (May 1996).

20/3,K/28 (Item 25 from file: 636)  
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03889899 Supplier Number: 50037189 (USE FORMAT 7 FOR FULLTEXT)  
**HIPAA Rules Contain Some Surprises**  
Health Data Network News, pN/A  
May 20, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2254

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...Human Services to establish national standard formats for electronically transmitted claims and related transactions apply to all **electronic** media, not just transactions moved via **electronic** data interchange. The proposed rules, published in the Federal Register on May 7, define **electronic** transmissions as "transmissions using all media, even when the transmission is physically moved from one location to another using magnetic tape, disk or CD media. Transmissions over the **Internet** (wide open), extranet (using **Internet** technology to link a business with information only accessible to collaborating parties), leased lines, dial-up lines...

...national transaction formats. The proposed rules exempt transactions from within corporate entities-including transactions between the federal **Medicare program** and **Medicare** contractors-from complying with national standards. The proposed rules will implement portions of the administrative simplification provisions of the Health **Insurance** Portability and Accountability Act of 1996. The proposed rules (in text and PDF formats), procedures to electronically...

...publish proposed rules to establish a national payer identification number and to ensure the security of all **electronic** data, whether it's exchanged over networks or stored in information systems or data repositories. The department...

...national standard formats. Pharmacy claims will use Version 3.2 of the National Council for Prescription Drug **Program** for real-time claims, or NCPDP Version 1.0 for batch claims. The proposed rules adopt national standard formats for four types of claims and equivalent encounter data: pharmacy, institutional, **physician** and dental. The rules also adopt national standards for these related transactions: claim status, enrollment and disenrollment, **insurance** eligibility verification, health plan **premium** payments, payment and remittance advice, and referral certification and authorization. Coordination of benefits transactions would use the...

...attachment standard. Providers and payers must implement standard transactions using implementation guides from Washington Publishing Co., Gaithersburg, **Md**. The federal government is paying Washington Publishing to offer the Version 4010 implementation guides free on the **Internet** at the HHS Data Council Web site. The proposed rules adopt specific code sets to standardize the...

...For procedures, code sets are ICD-9-CM, Volume 3 for inpatient care; CPT 4 for outpatient/ **physician** treatment, HCFA's Health Care Common Procedure Coding System for equipment, supplies, injectible drugs and other services ...

...to electronically transmit or accept claims and related transactions. But if they transmit or accept transactions via **electronic** means, they must comply with the national standards. Employers are not required to use any of the...

...must comply. The rules apply to claims clearinghouses "when transmitting transactions to, and receiving transactions from, any **health care provider** or health plan that transmits and receives standard transactions and at all times when transmitting to or receiving transactions from another **health care clearinghouse**." **Providers** and payers can comply with the requirements by contracting with clearinghouses to reformat non-standard transactions into...

...transactions within Federal agencies and their contractors and between State agencies within the same State. For example, **Medicare** enters into



contracts with **insurance** companies and common working file sites that process **Medicare** claims using government furnished software. There is constant **communication**, on a private network, between HCFA's Central Office and the **Medicare** carriers, intermediaries and common working file sites. This **communication** may continue in ...as a public or private entity that processes or facilitates the processing of nonstandard data elements of **health information** into standard data elements," the proposed rule states. "We would further explain that such an entity is one that currently receives health care transactions from **health care providers** and other entities, translates the data from a given format into one acceptable to the intended recipient...

...necessary, for further action. "There are currently a number of private clearinghouses that perform these functions for **health care providers**," the proposed rule continues. "For purposes of this rule, we would consider billing services, repricing companies, community **health management information** systems or community **health information** systems, value-added networks, and switches performing these functions to be health care clearinghouses." The Workgroup for **Electronic Data Interchange** will hold a meeting June 7-8 in Chicago to discuss and build industry agreement ...

...rules. Non-members are welcome to participate. More information is available on WEDI's Web site at: [www.wedi.org](http://www.wedi.org). United HealthCare Joins Others In The Hunt For Health I.T. Acquisitions As the **health care information** technology industry has consolidated in recent years, a handful of companies have emerged as the busiest buyers...

...in town, a company with a powerful, deep-pocketed parent that's best known as a major **HMO** player but also wants to be a major information technology services and software vendor. In the past year, Applied Healthcare Informatics, a subsidiary of United HealthCare Corp., Minnetonka, Minn., quietly has bought six **health, care information** technology vendors, publishers or consulting companies. Coming out of nowhere, Minneapolis-based Applied expects revenues this year...

...Applied has suddenly emerged as a major player with these acquisitions," says Doug O'Boyle, health division **program** director for The Meta Group, a Reston, Va.-based consulting firm. Applied's acquisitions during the past year include: \* O'PIN Systems Inc., a Minneapolis-based vendor of decision **support** software and Health Plan Employer Data and Information Set reporting services, in May 1997. \* **Medical Information** System, a Minneapolis-based vendor of disease management software, in August 1997. \* Certitude, Minneapolis, and Cambridge (Mass...) ...

...analysis systems, in October 1997. \* Medicode Inc., a Salt Lake City-based vendor of coding and decision **support** systems, in December 1997. \* St. Anthony Publishing and St. Anthony Consulting, Reston, Va.-based firms that publish...

...analysis services the company already offered, says Kevin Roche, CEO of Applied. These include outcomes and economic **studies** on specific drug products conducted for pharmaceutical firms. United's Center for Health Care Evaluation has long provided **research** services to payers and others in the health care industry. Multiple acquisitions make it easier for a...

...markets and quickly offer a wider range of services, Roche says. Applied's focus is on offering **research**, consulting, publishing and performance evaluation services to providers, payers, pharmaceutical firms, employers and government agencies. Its acquired...

...determine appropriate reimbursement, analyze the delivery and cost of care, and compile quality measurements. Many hospitals and **physician** offices use claims coding software or publications from Medicode and St. Anthony, Roche says. About 2,000 payers and **third - party** administrators and 200 large employers use Applied products and services to compile data to conduct comparisons on...

...utilization, treatment outcomes and cost. Payers also use the data to compile HEDIS reports, Roche says. HEDIS **reports assist health care** purchasers in evaluating health plan performance. A Focused Approach While Applied expects to continue to aggressively grow...

...Those vendors and others adequately serve the needs of providers, payers and others to generate patient-specific **financial** and clinical information, he adds. Applied's goal is to provide services to help health care organizations...

...from the trials. For the immediate future, Applied hopes to offer additional data products to serve hospitals' **finance** departments and payers' medical directors and quality assurance departments. But with the acquisitions and fast growth come...staff, Roche says. "We have adequate resources and experiences," he adds. But whereas United HealthCare can provide **assistance** in some areas, Applied needs to have a degree of separation from its parent company if it...

...responds Kevin Mitchell, president of O'PIN. "The fact of the matter is, this will be a **record** sales year for us." But the concern that data will make its way back to United HealthCare...

...to other issues. Everyone does business with competitors these days." Through other units, United HealthCare has provided **research** and consulting services and pharmacy benefit management services to other payers for more than a decade, says Jerry Lutgen, vice president of health informatics **research** and development at Applied. "There's a well-established culture around here that United HealthCare's businesses...

20/3,K/29 (Item 26 from file: 636)  
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03872801 Supplier Number: 48454940 (USE FORMAT 7 FOR FULLTEXT)  
-BOEING: National Worker Health Group -- Boeing employee H & S programs the  
**best prescription**  
M2 Presswire, pN/A  
April 30, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 646

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
M2 PRESSWIRE-30 April 1998-BOEING: National Worker Health Group -- Boeing employee health and safety **programs** the best prescription (C)1994-98 M2 **COMMUNICATIONS** LTD RDATE:290498 BOSTON -- The Boeing Company was honored today for its employee health and safety **programs** by the American College of Occupational and Environmental Medicine (ACOEM), which **awarded** Boeing its Corporate Health Achievement **Award** for 1998. ACOEM is the world's largest organization of occupational and environmental **physicians**. The group is dedicated to **promoting** and protecting the health of workers through preventive services, clinical care, **research**, and educational

**programs** . Their Corporate Health Achievement **Award** recognizes the best corporate health and safety practices in the nation. It was presented today at the American Occupational Health Conference. The Boeing Company was selected to receive the **award** after an ACOEM evaluation team made a two-day, onsite examination of the company facilities near the...

...leader of the evaluation team, the team was impressed by the scope and quality of the Boeing **programs** . In a letter to Boeing, the ACOEM Board of Examiners stated: "Your company's employee health, safety and environmental management **programs** are considered to be a model of excellence - an example for other companies to follow." ACOEM singled out for particular praise four of the many **programs** and processes Boeing carries out to provide a safe and healthful workplace and to protect the environment: -- The Health and Safety Institute at Boeing **promotes** training that relates to the safety and health of employees and helps build effective **relationships** between union stewards, supervisors, and all other employees. The institute is funded by Boeing and jointly staffed by managers and **representatives** of the International Association of Machinists, the labor union representing the company's largest group of represented employees. -- National and International Health Services. Boeing world travelers and expatriates have a complete **program** of immunizations and up-to-date travel advisory information available to them at no charge. In addition...

...employees and their families are not left to fend for themselves," noted Schwendeman. -- The Occupational Health Examination **Physicians** ' Guide provides detailed guidance for **physicians** examining Boeing employees. To ensure consistent quality of care in a wide variety of locations and circumstances, the Boeing medical staff compiled all of the relevant regulations, **medical** tests, and **information** about the potentially dangerous chemical and physical **agents** which employees may encounter. -- The Office Ergonomics Web site leads employees through an **online** workstation self-check right at their desks. Other features include illustrated explanations of ergonomic risks and preventive strategies, and links to other **Internet** sites that provide ergonomics education. This Web site is part of a comprehensive ergonomics training **program** . In accepting the **award** for Boeing, Dr. Fred Tilton, the company's medical director, said: "Boeing is not only one of...

...company that cares about the health and well-being of each employee. "Boeing is proud of its **record** of caring for people and the environment, and we are committed to continuing to build on that tradition in the 21st century," Tilton said. Because ACOEM considers a company's long-term track **record** , Boeing operations considered for the **award** were limited to those that existed prior to the merger with Rockwell's defense and space divisions in 1996 and the merger with McDonnell Douglas in 1997. ACOEM gave Boeing the **award** in its category for U.S. manufacturers employing more than 5,000 people. With \$48 billion in...

...work for Boeing and its subsidiaries at locations throughout the United States and around the world. \*M2 **COMMUNICATIONS** DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.\*

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03860989 Supplier Number: 48404989 (USE FORMAT 7 FOR FULLTEXT)  
**Bill Would Require UPN For Medicare DME Claims**  
Health Data Network News, pN/A

April 6, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 478

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...product number to all durable medical equipment, such as splints, surgical dressings and prosthetic devices, covered under **Medicare**. The **Medicare** Universal Product Number Act of 1998 (H.R. 3255) also requires that, by Feb. 1, 2001, all **Medicare** durable medical equipment claims include a UPN. "The **Medicare** UPN will empower **Medicare** to know precisely what items are being supplied to older Americans and to tailor reimbursement levels appropriately...

...R-Iowa) introduced similar legislation late last year. The bill, S. 1362, was referred to the Senate **Finance** committee. First Health Gets Back A **Medicaid** Contract Four years ago, First Health Services Corp. lost the Virginia **Medicaid** fiscal **agent** contract that it had held for two decades. Last month, the Glen Allen, Va.-based company got it back. The Virginia Department of Medical **Assistance** Services selected First Health to design and operate a new, Year 2000-compliant, **Medicaid** management information system to process claims and administer the **Medicaid** program on behalf of the state. In 1997, 40,000 providers submitted approximately 24 million claims on behalf of 650,000 Virginia **Medicaid** recipients. First Health was Virginia's fiscal **agent** for 20 years until losing the contract in 1994 to **Electronic** Data Systems, Plano, Texas. Last year, the state terminated the EDS contract because of performance concerns and...

...Broker Architecture. The Person Identification Service specification defines ways of linking an individual's computer-based patient **record** across different computing environments. The Product Data Management specification will make it easier for companies, in and...

...statistics from the Chicago-based Gynecologic Cancer Foundation show. That's why the foundation recently launched the **World Wide Web**-based Women's Cancer Network. Underwritten by SmithKline Beecham Pharmaceuticals Inc., Philadelphia, the site, [www.wcn.org](http://www.wcn.org), enables women to submit a health **questionnaire**, obtain a risk assessment for reproductive cancer, create a plan for reducing those risks and access disease and **treatment information**.

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03855108 Supplier Number: 48387860 (USE FORMAT 7 FOR FULLTEXT)

**GE Pushes Medicare HMOs For Florida-Area Retirees**

Managed Care Week, v8, n12, pN/A

March 30, 1998

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 2217

... to drugs by stretching their benefit dollars.

Formularies Must Be User-Friendly The formulary must not only **promote** better clinical care and cost-effective use of resources, it must also be user-friendly to gain acceptance and **support** from physicians, members, pharmacists and the general public. The successful managed formulary should encompass the following elements...

...drugs account for nearly 50% of the prescriptions dispensed by retail pharmacies in 1996. The lack of **promotional** activities for generics might lead consumers to draw the conclusion that once a drug is generic, it...

...not the case. The efficacy of generic drugs was reinforced by the FDA's February 1997 endorsement **supporting** the use of generics when available. Objective formulary development. The formulary list should be developed by a...recommended for that diagnosis, make a prescription choice and even send the prescription directly to the pharmacy **online**. This streamlined process also avoids any unnecessary waiting required to obtain preauthorization for a nonformulary drug. Benefit...

...options allow consumers and employers to select a richer pharmaceutical benefit and pay a slightly higher monthly **premium**. PacifiCare Health Systems Inc. has implemented a three-tiered copayment plan for individual and small groups, and raised the annual drug benefit for **Medicare** risk **HMO** members when the managed formulary was implemented. And United HealthCare Corp. also recently introduced a three-tiered...

20/3,K/32 (Item 29 from file: 636)  
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03790714 Supplier Number: 48214533 (USE FORMAT 7 FOR FULLTEXT)  
**DEPT OF HEALTH: Patient evasion of prescription charges to be outlawed --**  
**Milburn**  
M2 Presswire, pN/A  
Jan 8, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 2124

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...1998-DEPT OF HEALTH: Patient evasion of prescription charges to be outlawed -- Milburn (C)1994-98 M2 **COMMUNICATIONS**. LTD RDATE:070198 \*  
Comprehensive strategy against prescription fraud unveiled Health Minister, Alan Milburn, today announced plans to...

...offence as part of a new strategy to stamp out prescription fraud in the NHS. A major **publicity** campaign will be launched later this year to remind those eligible to pay of their responsibility to...

...Mr Milburn today announced a new move to catch those committing fraud - a freephone telephone Hotline and **internet** Websites set up by the Fraud **Investigation** Unit at the Prescription Pricing Authority, an agency of the Department of Health. They will enable members...

...fraud. All telephone calls and e-mails will be treated in complete confidence. Hotline: 0800 068 6161 **Internet** Website: **www**  
.nhs-fraud.org.uk (for general public) **www**.fraud.exec.nhs.uk (for NHS staff) Alan Milburn said: "The government is determined to stamp out...

...action plan introduces tough measures to tackle prescription fraud in all areas of the system, whether by **doctors**, **pharmacists** or patients. The honest patient and professional, who form the overwhelming majority, have nothing to fear from...

...NHS staff can help in the Government's fight immediately. I urge people

to alert our fraud **investigators** to any suspicions they may have. "The new Fraud Supremo will make new links with other Government...

...found that patient evasion is the biggest single source of loss of revenue to the NHS. The **publicity** campaign will remind the public that although about 85 per cent of prescriptions are dispensed free, it...  
...a team of independent and government experts, set up with a specific remit to carry out an **investigation**. The scrutiny team consulted widely and concentrated on three areas of fraud: the theft and forgery of forms, fraud by **doctors** or **pharmacists**, and prescription charge evasion. The Efficiency Scrutiny report on NHS Prescription Fraud was published on 19 June...

...information systems are not far enough advanced to put a definite figure on losses to fraud by **doctors** and **pharmacists**. 3. The Prescription Pricing Authority's Fraud **Investigation** Unit is currently **investigating** 450 cases of suspected fraud, worth an estimated GBP 15 million. Thirty one suspected offenders are being...

...Acts and can be forced to repay what they owe. This can be difficult because of the **relatively** small sums of money involved in most individual cases. The proposed new law will make criminal prosecution...

...advice by telephoning 0191 203 5676 or 0191 203 5669. 5. The action plan will: \* make GPs, **pharmacists** and their staff more aware of the potential value of prescription forms (and hence the potential for...

...a credible deterrence against both patient and professional fraud, \* develop a cost-effective way of recovering the (**relatively** small) individual amounts involved in patient fraud; \* improve the technical capacity of the NHS to detect and pursue professional fraud; \* **support** Health Authorities and the Prescription Pricing Authority in developing the capacity for cost-effective anti-fraud work...

...forms; ii) improved security in GP practices. Practical measures such as locking up unused forms, plus keeping **records** of form use will help prevent forms going missing, and aid detection if forms are stolen. More secure use of information technology in GP surgeries also provides safeguards against fraud; iii) a **reward** scheme for pharmacies which detect stolen or counterfeited prescription forms. **Pharmacists** already check for the accuracy and authenticity of the **medical information** contained on a prescription form. This would **reward** them for examining the form itself. DoH will begin consultations with the profession shortly ...will be voluntary, by the summer of 1998. 2. Countering patient charge evasion by: i) a major **publicity** campaign to explain the rules on patient exemptions and to make clear that evasion will no longer be tolerated. DoH is planning to launch a **publicity** campaign later this year. It will stress the public's responsibilities to the NHS to pay if...

...for both national and regional campaigns are currently under consideration. ii) new checks in pharmacies and dispensing **doctors** ' surgeries on those who claim they are exempt from paying the prescription charge. Patient's would be...

...conflict of interest (eg GPs providing services to patients in residential homes in which they have a **financial** stake) Changes are proposed to GPs terms and conditions which would prevent GPs taking on new patients...

...of new measures, including: - allowing Health Authorities access to practitioners' accounts. This would allow HAs to conduct **investigations**

into suspected fraud more easily. Cases of fraud have occurred in the past where GPs have registered...

...refuse to contract with practitioners convicted of fraud. Under current regulations HAs cannot refuse contracts on this point alone. DoH will consult with the profession on the best way forwards here, although legislation may be necessary. - helping HAs to investigate unusual prescribing patterns. Greater use of IT will help in detecting this. Reimbursing HAs a percentage for the money they recoup through anti-fraud work will provide a strong incentive for action. Staff taken on by a HA to tackle fraud will be exempted from the management costs assessment providing incentives for HAs to take on staff for this important work. iv) greater use of information technology by the Prescription Pricing Authority's Fraud Investigation Unit to improve investigation and detection of fraud. This was part of the five part plan announced in June. The PPA...

...the NHS Executive issued for consultation on 21 October a draft policy statement on the use of electronic data interchange (EDI) for transferring prescription information. This has the potential inter alia for real long term...

...the police, the Crown Prosecution Service and the Department of Social Security in developing the strategy; iii) promote the strategy to the NHS and the general public; iv) implement a vigorous and effective programme of action in all parts of the NHS. ANNEX B EXAMPLES OF CURRENT CASES OF PRESCRIPTION FRAUD These cases have been brought to their current positions following detailed work by the Fraud Investigation Unit of the Prescription Pricing Authority. 1. A GP alleged to have written prescriptions using patient names...

...have been writing prescriptions for high cost drugs, sometimes using fictitious patient names. Potential collusion with a pharmacist. It is thought the items were destined for sale abroad. Suspect currently released on bail. Sum believed...

...awaiting trial. Has been struck off the medical register. Sum believed involved: GBP 65,000 4. A Pharmacist alleged to have supplied Methadone in bulk but endorsed prescriptions to show daily dispensing, thereby obtaining extra set for later this month. Sum believed involved: GBP 25,000 5. A GP and Pharmacist alleged to have colluded to write and process fictitious prescriptions to obtain drugs and cash. Both suspects on police bail awaiting charges. Sum believed involved: GBP 500,000 6. A Pharmacist alleged to have obtained repeat prescriptions for elderly patients in a number of nursing homes, failed to...

...claimed for payment. Suspect on police bail awaiting charges. Sum believed involved: GBP 10,000 7. A Pharmacist alleged to have submitted prescriptions for drugs ten times the cost of the drugs dispensed. Possible collusion with doctor who was a known addict. Trial date set for later this month. Sum believed involved: GBP 40,000 \*M2 COMMUNICATIONS  
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03592730 Supplier Number: 47437374 (USE FORMAT 7 FOR FULLTEXT)  
Forecasts For PDUFA, FDA "Improvement" Bill

Marketletter, pN/A  
June 2, 1997  
Language: English      Record Type: Fulltext  
Document Type: Magazine/Journal; Newsletter; Trade  
Word Count: 1651

... One of the FDA's four goals is streamlining the regulatory system; the other three goals are **supportive** of this, she said. With drug industry globalization, the FDA has had to take a world view...

...international ADR reporting and maintenance is still up in the air. Possible new ICH topics include a **Commercial** Technical Dossier, and also of interest are Good Manufacturing Practice agreements, but the FDA's ability to **support** this effort will be driven by resources. The Mutual Recognition Agreements with the European Union on GMP...

...practices, said Dr Woodcock. Recent FDA activity includes the March 20 publication of a final rule on **electronic** signatures and **records**, with a five-month holding period, allowing implementation of plans for **electronic** -only filing. A new waiver Manual of Policy and Procedure will be eliminated when a guidance is...

...provisions for certain GMP requirements, while an upcoming public meeting will deal with radioactive drugs for basic **research**. Also published is a Good Guidance Practices Guidance, which explains FDA procedures for developing and implementing guidances...

...as pediatrics, and the cancer document details what is required for additional information. The FDA agrees that **doctors** can prescribe drugs for off-label uses if it is in the patient's best interest, she...

...indication should get onto the label for information purposes if use increases. More use often means no **incentive** to get a new indication approved but it is important to do so as soon as possible; the new evidentiary cancer document will help. There are still no **incentives** for getting pediatric indications on a label except for altruism; the FDA has said that if a...

...to an adult one and uses the same dosage form, almost all that is necessary are pharmacokinetic **studies** to get the dose right. The problem is where a new dosage form is needed. Expected soon...  
...which follows the proposed rule and a public meeting on compounding. The agency is still working on **physician** package insert labeling, proposed changes to the **Investigational** New Drug process, a plan to deal with clarifications on allowing charges for a drug in the IND phase and **promotion** to managed care. CDER MaPPs of note on the division's web page include those dealing with...

...is supposed to follow up on these) over-the-counter oversight on prescription-to-OTC switches, and **electronic** case report forms. In development is a MaPP on the classification of New Drug Approvals. Streamlining At...

...its first human trials, it might be better to go straight to patients rather than doing initial **studies** in healthy populations. Also, she said that clinical trials have become a growth industry in eastern Europe...

...is a problem, given the litigious US society. Many IRBs have said they want FDA review of **studies**. Russell Bantham, general counsel to the Pharmaceutical **Research** and Manufacturers of America, said the general agreement on the need to reauthorize PDUFA is being imperiled...time, the



real issue is not getting generics approved but rather making sure that patents offer an **incentive** for **research**. The Act needs revision, and the generic industry and the PhRMA must work to accommodate each other. The **research**-based industry is the pipeline for the generic industry. There is still a knowledge gap since science...

...a wildly successful experiment, and it would be reauthorized if it was the only issue. FDA improvements, **third-party** review, changes in substantial evidence rules and off-label use held up reauthorization in 1996, but this...

...the FDA is in better shape than for a generation, with strong and capable reviewers, good industry **relations**, the Reinventing Government focus (which has the FDA identify unneeded legislation that costs industry money but provides...

...loaded with too many other items. On the replacement of the word "reform" with "improvement," he said **polls** show that high public confidence in the FDA mean the latter is seen as a better concept...

...The issue of dissemination of information is left over from a previous era, said Mr Cohen; most **doctors** do not make drug purchasing and formulary decisions. If the issues are segregated out, progress can be...  
...is how drug companies present their pharmacoeconomic information, which does influence drug purchasing and prescribing in managed **care**. Dissemination of **information** will become less important and pharmacoeconomic presentation more important.

And one bill or one commissioner will not...

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03573375 Supplier Number: 47395541 (USE FORMAT 7 FOR FULLTEXT)

**Prevention Of Clinical Trial Fraud In Europe**

Marketletter, pN/A

May 19, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Newsletter; Trade

Word Count: 1536

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

The problem of fraud and scientific misconduct in clinical **studies**, although in decline since the introduction of Good Clinical Practice standards, is still a pressing one, according...

...Joachim Schwarz of Quintiles GmbH in an article entitled "Detection, Handling and Prevention of Fraud in Clinical **Studies** in Europe," published in Drugs made in Germany (40, no 1 1997). In his paper, Dr Schwarz focuses on fraud by **investigators**, and stresses that the need for "a coherent harmonized European policy" to combat this problem "is obvious  
...

...into three types, the FDA adds, those being: - altering data, eg changing animal weights or breaking the **study** blind/randomization; - omitting data which may be important to the outcome of the **study**, eg not reporting adverse events; and - fabricating data, eg duplicating results generated from one patient to represent another. Dr Schwarz **points** out that these questionable practices may occur for a variety of reasons, for example, pressure from the sponsor or **commercial** interests. He adds that

fraudulent activity is facilitated by the "lack of countermeasures from sponsors and responsible...

...O'Donnel, 1993), while the FDA has reported falsified data in about 1.7% of clinical sites **investigated** (Lock and Wells, 1993). At the present time, countries throughout the European Union differ with regard to the regulation of (suspected) fraudulent activities, says Dr Schwarz. In Germany, inspection **programs** were established in 1988. However, due to limited resources, federal state inspectors have, in the main, only **investigated** sponsors, whereas clinical **investigators** have only been inspected at the request of the trial sponsor. Since 1988, the German Association of **Physicians** in the Pharmaceutical Industry (FAPI) has collected data on **investigators** and employees of contract **research** organizations who allegedly falsified data, says Dr Schwarz. The database, known as the "Golden Memory of the FAPI," contains information on the **investigators** ' name, description of fraudulent activities, method of detection and outcome. Now, before an **investigator** is enrolled on a clinical trial, members of the FAPI (of which there are around 1,200), may use the database to discover whether the **investigator** is "black-listed." FAPI's "Golden Memory" Over 112 **physicians** , some of whom are mentioned up to eight times in the database, are no longer accepted as being **investigators** , Dr Schwarz **points** out. Some of these, he commented, have been forced to repay considerable sums of money back to...

...of the FAPI, says Dr Schwarz, "fraudulent data occur in more than 2% of Phase II-III **studies** which have been conducted under European Community GCP guidelines, according to estimates based on proven misconducts." **Communication** between the FAPI and the German health authority, the Bundesinstitut fur Arzneimittel und Medizinprodukte (BfArM), has also...

...addressing the problems. Although no official black list is held, there is extensive knowledge about all German **investigators** , and the BfArM says that it does not accept data from **investigators** known to be fraudulent. A similar situation occurs in the Netherlands and in Belgium. Sponsors in both countries have unofficial black lists of **investigators** , but clinical trial sites are not **investigated** and, thus far, no cases of fraud, although some have occurred, have been prosecuted, says Dr Schwarz. However, France's health authority, Agence de Medicament, does keep a black list of **investigators** and takes official action against fraud. According to French law, the Commission Nationale de l'Informatique et...

...consent, states that if trials are conducted without the consent of the patient or his/her legal **guardian** , **investigators** may face imprisonment for up to three years, as well as a fine of 300,000 francs...

...published guidelines for the handling of suspected fraud in clinical trials. All cases of fraud must be **reported** to the **medical** director of the ABPI, who will then process a "statutory declaration," which is then forwarded to the General Medical Council for assessment by the Professional Conduct Committee. If an **investigator** is found guilty, he/she may be fined by the GMC, suspended, taken to court, or struck off the medical register, meaning that he/she is no longer able to practice as a **physician** . Over 20 **investigators** have been found guilty (ABPI 1992, Holden 1995). If cases are suspected, but not proven beyond all reasonable doubt, then the **investigator** 's name is kept in the ABPI's "gray list;" it also has a black list, which...

...similar way to Germany, inspection officers do exist, but because of limited resources, they only tend to **target** the sponsor rather than the trial **investigator** . In the Nordic countries, there have only been incidental reports of fraud, Dr Schwarz writes. There are...

...Danish health authority explained that if it were to become aware of an incident of fraud, the **investigator** would be banned from future participation in trials." In Finland, government inspectors began **investigating** clinical trials in 1995, but "legal sanctions and penalties in cases of fraud do not exist, nor...the monitoring and/or auditing identifies serious and/or persistent non-compliance on the part of an **investigator** /institution, the sponsor should terminate the **investigator** 's/institution's participation in the trial...the sponsor should then notify promptly the regulatory authorities." However...

...of Information Act allows access to computer print-outs of both domestic and international "for-cause" clinical **investigator** inspections. This includes listings of " **investigators** ineligible to receive **investigational** products," as well as those **investigators** who have agreed to "some restrictions of their use of **investigational** products." The FDA also regularly publishes in the Federal Register information on **investigators** who have been involved in scientific misconduct. In order to control fraud, stresses Dr Schwarz, Europe needs...

...a standard operating procedure for sponsors/CROs; - notification of clinical trials, including a list of all the **investigators** ; - implementation of clinical site inspection **programs** , and a mutual recognition agreement of inspections within the EU/EEA. If fraud is detected, the following should be notified: - accredited independent ethics committees/institutional review boards; - professional organizations/national **specialist** organizations. The **investigator** involved in the misconduct should be disqualified, prevented from conducting clinical trials, or be suspended for a defined period of time, adds Dr Schwarz. Civil proceedings may be carried out against the **investigator** , including sanctions for the return of payment to sponsors and payment for the time spent **investigating** the fraud. Additionally, in proven cases of fraud, the **investigator** should be prosecuted, with the possibility of a fine or imprisonment. All sanctions imposed on such **investigators** should be **communicated** to interested parties, Dr Schwarz continues, and a European database on all clinical trials and fraudulent **investigators** should be initiated and kept up-to-date by the European Medicines Evaluation Agency. This database should...

...In order to achieve this, the European authorities "must play a more active role in the detection, **communication** and prevention of misconduct and fraud in national and global clinical **research** ," Dr Schwarz concludes.

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03511957 Supplier Number: 47252186 (USE FORMAT 7 FOR FULLTEXT)  
**Need For "Concordance" In Medicine-Taking**  
Marketletter, pN/A  
March 31, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Newsletter; Trade  
Word Count: 1439

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...expected benefits, says a new report, From Compliance to Concordance: achieving shared goals in medicine-taking. The **study** is the result of a joint initiative by the Royal Pharmaceutical Society of Great Britain and

Merck...

...parties. The patient must take a more active part in the consultation process, while the prescriber must **communicate** the evidence to enable the patient to make an informed decision about diagnosis and treatment, and benefit...

...R&D; education and further training of health care personnel; public awareness; and public policy. R&D **Research** suggests the need for greater standardizing of terms and units of measurement to move towards a coherent body of theory and a common language. Yet the **relative** failure to achieve any sustained reduction in non-compliance shows a need for greater diversity of models...

...models holds such potential value to the health service that it should be given high priority for **research** funding. Further **research** is needed into the beliefs that people hold about medicines, about their motivations and reactions to information-giving and the behavior of health care workers, **family members** and **friends**. Ongoing work on developing interventions to modify medicine-taking behavior should continue, firmly linked to the **research** agenda. Efforts to secure appropriate medicine-taking must be based not on manipulation but on strengthening patients' understanding and control over their illnesses and treatments. **Studies** of medicine-taking by patients who purchase over-the-counter drugs may help here. New medicines may...

...statistic analyses should relate to groups of patients in terms of their compliance as well as the **doctor**'s intention to treat. Medicines now in use should be reviewed to gauge their "robustness" in terms of the **relationship** between dose and effect. Continuing **research** will be required into the effect of containers, labeling and other information-giving. The shift to a primary-care-led service may be so radical as to constitute the redefinition of the traditional professions. **Nurses** are already taking on greater responsibility for, and will develop extended skills in, the management of the major chronic diseases. **Pharmacists** may well extend their role to taking some prescribing decisions on choice of alternative versions of a...

...etc. Questions about these new roles need to be asked. The influence of the health beliefs of **doctors**, **nurses** and **pharmacists** about drugs and the nature of the gap between these beliefs and the patient's needs to...

...better understood. How do these factors affect the likelihood of the patient's compliance? Patients want more **information** on **medicines**, and compliance may be changed by giving them more control over treatments received. Further experimentation with patient-held **records** is needed, says the **study**. It envisages developments in the use of all current **communications** media, eg telephone helplines, the development of information machines on the **Internet** and other interactive **electronic** devices. The importance of information sources that do not involve face-to-face **communication** with **health care professionals** is likely to grow rapidly, it says, but it also urges, at the other end of the spectrum, **support** for experiments to enhance mutual self-help groups of patients who have similar conditions and are subject...

...of current specific teaching about compliance, says the report. Traditionally, teaching about prescribing was primarily relevant to **doctors** and **pharmacists** in training, but this is changing with the growing role for **nurse** prescribers, wider responsibilities for community and hospital **pharmacists** and the increasing availability of OTCs. Concordance is an integral aspect of the process of clinical care, not a

detachable component, and hence a core subject in medical, nursing and pharmacy education. Teaching **communication** skills has become a salient feature in the training of **doctors**, **nurses** and **pharmacists**, but most education and training in prescribing has been concerned with such matters as the decision to...

...is needed, so that behavioral topics become integrated with the teaching of pharmacology and prescribing, says the **study**. Achieving a better understanding of the patient's perspective and being better able to encourage patients to...

...concerns seems to be of such crucial importance in the effective, efficient and humane practice of health **care**, say the **report**'s authors, that appropriate education should be included in all phases of professional development and the concomitant assessment in the qualifying, **specialist** and re-accreditation exams. Eventually, the standards of performance should become sufficiently agreed, unambiguous and assessable, so...

...If the health care professions and their educational bodies are to implement the large and innovatory education **program** which the report urges, a national roll-out strategy will be needed. Public Awareness Care must be concordant partnerships with **doctors** and other health care workers, so that their medicine-taking decisions are as informed as possible by...

...medicine. Remedying this must have high priority, but as a preliminary step there must be more systematic **study** of different models of belief and attitudes that shape the public's views on prescribing and taking...

...role in health care. Campaigns of public awareness, though well-intentioned, must never run ahead of the **research** evidence about the complicated social, psychological and ethical issues. As a matter of urgency, a coordinated **program** of consultations between **representatives** of patient bodies and a range of interested **health care professionals**, relevant **researchers** in the field, ethicists and mass **communications** experts and organizations needs to be set up. The report says any **programs** of specific patient awareness should be integrated with planned action in the primary care setting. The aim is to introduce the new concepts to patients, **doctors**, **nurses** and **pharmacists** together, and because such an integrated approach would require commitment from both the media and the primary...

...R&D Committee should be set up under the aegis of a major national professional body; the **study** proposes the RPSGB. Its terms of reference should include: - identifying priorities by reiterative discussion and consultation; - addressing these priorities; - helping to develop the necessary academic infrastructure and encouraging multi-disciplinary approaches; - commissioning **research**, educational experiments and methods of informing and involving patients and the public; and - developing a dissemination strategy...

...three years, after which time these activities should have developed sufficient momentum not to require the special **support** which they say is now essential. The **program** outlined will require a ring-fenced R&D budget over three years, it says; the Department of Health's Prescribing **Research** Initiative is budgeted at £2.4 million (\$3.8 million) over four years; a comparable investment will be required for this **program**. Substantial pump-priming might be sought from public funds, with growing participation from the private sector; the latter might well include **support** from charitable trusts and **commercial** organizations, including partnerships with those concerned in wider community matters than health care provision.

20/3,K/36 (Item 33 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03279090 Supplier Number: 46732557 (USE FORMAT 7 FOR FULLTEXT)

**Forthcoming Initiatives At US FDA Viewed By FDLI**

Marketletter, pN/A

Sept 23, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Newsletter; Trade

Word Count: 1549

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and Drug Administration apparently reaching some sort of an end, the agency may raise its marketing and **advertising** enforcement **profile**, Wayne Pines, president of Health Care Practice at APCO Associates, has told a meeting of the Food...

...Law Institute (Marketletter September 16). The FDA has made clear that there will be no compromise on **promotion** of off-label uses, as this threatens the basis of the approval process and reduces **incentives** for approval of additional indications, he said; it remains for the courts to decide where FDA authority ends. But with more direct-to-consumer **advertising** and over-the-counter switches, the Federal Trade Commission has become more central to industry **advertising** and marketing. Agency Seeks Industry Input On Guidance Revision The FDA Division of Drug Marketing, **Advertising** and **Communications** plans to reissue all previous guidances in this area, said Division director Minnie Baylor-Henry. She invited...

...priority placement of old guidances, what new topics should be covered and evaluation of a guidance on **promotion** of products approved under accelerated approval regulations. A final guidance was issued this month on reprints of pivotal **studies**; she said Glaxo's approach of reprinting the journal cover and using a disclaimer box highlighting the...

...good design; other methods including stickers could also be acceptable. Guidance document updates are a good starting **point**, said Bradley Thompson of law firm Baker and Daniels, but other issues for the FDA include not...

...delivered to the professional market, he said, and took issue with the FTC requirement that comparative OTC **ads** must meet higher standards than unilateral claims. DDMAC branch chief Louis Morris foresaw the FDA focusing on...

...a health maintenance organization telephone campaign to switch patients from product A to product B, or an **HMO** developing a disease management **program**, there must be no drug company involvement or **incentives**. The FDA seeks clues to independence when deciding if pharmacoeconomic marketing meets requirements; drug company ownership is a clear clue that a firm is not independent. Minnesota **assistant US attorney** Janet Newberg said companies must ensure that all **promotion** actions fall under the "safe harbor" requirements. Funding **HMO** development of a DMP is nothing more than a calculated risk, as long as there is no obligation to include the drugmaker's products in the **program**, said Astra Merck senior counsel Thomas McCaffrey. "10 Times As Much **Advertising**" Forecast If DTC rules ease, there will be 10 times as much **advertising**, predicted American Association of **Advertising** Agencies senior vice president John Kamp. He

felt the approval and marketing policy decision processes should be...

...retaliation. Procedure changes are needed on prior restraint, and enforcement actions should be based only on an **ad**'s truthfulness, he said. William Vodra of Arnold & Porter said the goal should be DTC **communication**, not **advertising**. As the FDA will always put consumers' lives above free speech issues, it should develop data to show the benefits of such **advertising**; the means are available and protocols should be developed. And industry should seek areas of commonality with the FDA, for example which DTC **advertising** bring consumer benefits, he suggested. The FDA will hold a public hearing on **advertising** and **promotion** on the **Internet** in mid-October, said Melissa Moncavage, a public health analyst with DDMAC. Since the agency is still deciding whether **Internet** prescription drug information should be classified as **advertising** or labeling, companies which meet all the requirements of either should be OK. Companies might also want to look at ways to restrict access to some **information** to **medical** professionals, she said. Various government branches have different views on regulating drug company use of the **Internet**, said Peter Reichertz of Arent Fox; the FTC, which is aggressive in its oversight, sees OTC information on the web as **advertising**, while others view any drug data as labeling. To be on the safe side with the FDA ...

...and to be careful about with whom they set up hyperlinks, although they cannot control whether a **third party** chooses to have a hyperlink with them. Growth Of Pharma Antitrust Actions Health care and particularly drugs ...

...and Review has followed the Center for Drug Evaluation and Review's lead in making preclearance of **advertising** and **promotional** material voluntary, noted William Purvis, director of **advertising** and **promotional** labeling staff at the CBER's Office of Establishment Licensing and Product Surveillance. Prereview and the fact...s efficacy and failing to mention safety issues for fair balance. They must indicate clearly that clinical **studies** are still underway, suggest only that a product may be useful and avoid claims of statistical significance...

...must not say they are "approved" but use terms such as "cleared for marketing." He suggested including **study** results and data, but also said the FDA would rather work with a company on a new product press release than request it later to end distribution of a violative **document**. Complying with **health** care product marketing law should offer a company goodwill with customers, the protection of public health, a...

...agency expectations, less impact on business due to penalties, a competitive advantage, efficiency and a better agency **relationship**, said David McAvoy of Eli Lilly. However, compliance can really only assure the latter. Difficulties with compliance...

...This will offer a collaborative approach over time, and not just a data drop at a specific **point**. Federal Register Approach "Unsuccessful" The Federal Register approach to policymaking has not been successful, said Mr McAvoy; it is too unilateral, time-consuming and costly, provides no **incentives** to respondents to invest time and resources, delays decisions and discourages dialogue. Instead, he felt that an advisory committee would keep the agency current on industry trends and public input, **promote** interactive dialog, lead to better acceptance and commitment of resources, remove the perception of paternalism and generate...

...understood other viewpoints. Resources now spent on issuing advisory opinions or using the Federal Register approach could **finance** at least a

pilot project to evaluate such an approach, he proposed.

20/3,K/37 (Item 34 from file: 636)  
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03140065 Supplier Number: 46429429 (USE FORMAT 7 FOR FULLTEXT)  
**CONSUMER CONFIDENCE in the UK life insurance**  
Retail Banker International, n350, pN/A  
June 1, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 3245

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

CONSUMER CONFIDENCE in the UK life **insurance** appears to be still at a low ebb, haunted by the effects of poor disclosure and the...

...Following several years of severe criticism both from the press and from consumers, does the UK life **insurance** industry have a case to answer, and can it rebuild its credibility? This was one of the questions asked at the 7th Life **Insurance** International conference which took place in London recently. Ron Winch, managing director of Sun Alliance Life & Pensions, UK, **pointed to research** findings which show that long-term and pensions business is one of the fastest growing areas of household spend - over 70 percent of households in the UK have a long-term **insurance** product, and 82 percent of the population consider life **insurance** vital or worth considering. Yet, he said, as many as 46 percent of customers feel their pension...

...He believes consumer distrust stems from the perception that there is still too much "small print". Consumer **research** has shown that 76 percent of consumers do not understand the product they are buying; 69 percent...

...sales person; and 73 percent feel they have been sold a product they did not need. Other **research** highlights further problems, said Winch, showing that 70 percent of life **insurance** customers feel advisers put their own interests first, while 76 percent apparently believe their adviser is not totally honest. Winch claims that another factor which has not helped to cultivate good **relations** between customer and life insurer, is the penchant the UK press has for bad news - and there has been no shortage of that over the past few years. The **financial** services industry has been plagued by disasters such as the collapse of BCCI and Barings, the Maxwell ...

...they feel valued, they believe they are getting value." The computer industry employs such language as "user- **friendly**", and takes pains to make its products easy to understand and easy to use, while the life industry prefers jargon like "revisionary **bonus**" and "market value adjuster", he said. According to Winch, further customer confusion and frustration stems from the...

...so on. Life insurers need to learn from other retail sectors, becoming more customer focused and "user- **friendly**", he concluded. They must: use plain English, not jargon; provide easy access and **inquiry** facilities; provide genuine help-desk services and avoid arrogance; harness technology to benefit the customer, not just...

...have become more sophisticated, however, and they don't need product



marginal. According to the Life **Insurance Marketing Research Association (LIMRA)** in Windsor, Connecticut, the market share of life **insurance** sold without **agents** stood at 2 percent in 1993, and LIMRA estimated that it might have doubled to 4 percent by 1995. But even the biggest institutions must be content with the **record** of past bank failures. "Every time we **survey** banks on **insurance**, we find that they see it as a big opportunity," said Andrew Singer, president of the Bank **Insurance Marketing Research Group (BIMRG)** in Mamaroneck, New York, "and every time, we find they haven't figured out how to sell it yet." The most recent BIMRG **study**, which **surveyed** 38 banks and thrifts with assets over \$190 million, found that 38 percent of responding institutions viewed life **insurance** as the most promising new revenue source, against 28 percent for mutual funds and 19 percent for variable annuities. But the **survey** also found that bank **insurance** sales had actually declined among the top ten banks selling **insurance** **surveyed** in the last two years. He noted that among the top ten bank **insurance** sellers in his **survey**, annuities were outselling life **insurance** 150 to 1, against a normal ratio of 10 to 1. Citibank launches asset allocation funds Citibank...

...percent. The bank hopes to raise \$300 million during 1996. Until now, Citibank has focused on selling **third - party** funds from some 60 different fund providers, stressing the bank's objectivity in recommending the most suitable...

...US bull stockmarket of the last five years, the Landmark stock funds have suffered from poor performance **records**, in part due to conservative investment mandates, which have made them difficult to sell to performance-hungry investors. "Citi has had far more success offshore, with no competition from **third - party** funds, and no focus on performance and expense ratios," one funds consultant remarked. To overcome this difficulty ...

...will use a "multi-manager" format, where up to the eight outside money managers with strong performance **records** will manage separate asset classes for the new portfolios. The approach follows the example of several US brokerage houses who sell **third - party** funds and use the best performers to sub-advise bundled house products. But Citi will not be able to **promote** the new funds' performance **record**, but will make a more complicated pitch based on the past performance of CitiSelect's many specialty...increasingly favoured niche providers with strong performance figures and direct-marketing fund firms which can sustain massive **advertising**, technology and remote service budgets. While banks have generally hired in-branch brokers to sell funds on...

...its own customers in statement stuffers, but will use "all aspects of direct marketing," including national media **advertising**. Using its two fund families for different channels, the bank hopes to triple its fund assets to...

20/3,K/38 (Item 35 from file: 636)  
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02766595 Supplier Number: 45614946 (USE FORMAT 7 FOR FULLTEXT)  
**Recruiting Patients For Clinical Trials -A Role For Public Relations**  
Marketletter, pN/A  
June 19, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Newsletter; Trade  
Word Count: 1887

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...on issues ranging from drug prices to patent terms, rests on the long time scale and enormous **financial** investment required to bring each new pharmaceutical product to market. Cost and time factors vary from the...

...to enhance the drug development process can offer advantages. Dr David Thomas, General Manager of International Clinical **Research** at the contract **research** company, Innovex, explains, "If you consider that seven eighths (7/8) of the cost of a product development **programme** are spent in the late phase II and phase III, any improvements in performance parameters such as patient recruitment, may lead to significant economic advantages." Furthermore, not every clinical trial **program** produces a breakthrough medicine, and some will demonstrate that a specific **agent** is unfit for market authorisation. It is estimated that only one or two **research** compounds in 10,000 actually reach the market, and only one in seven marketed products which become...

...ACE inhibitors and the resurgence of interest in quinolone antibiotics are two examples of families of therapeutic **agents** which have all but saturated the **research** environment. So, **investigators** compete with others to recruit patients onto these trials, aiming to complete trials as quickly as possible...

...through efficient use of time and resources. Recruitment Strategies For years companies have selected the most experienced **investigators** to participate in their clinical trial **programs**, recruiting patients through "centres of excellence" or recognised tertiary referral centres where patients with particular conditions are...

...fatal prognoses, or where few effective treatments currently exist, recruitment generally becomes easier because patients, and the **clinicians** looking after them, are perhaps more motivated to identify trials which offer hope. This category is exemplified by patients with cancer and HIV related diseases. A whole **communications** network has developed around these patients, providing **encouragement** and, importantly and often highly technical information about the diseases, current and experimental treatment options. An **on - line** database managed by the National Cancer Institute in the USA makes available information on new cancer trials to all US **physicians** as well as more limited information for patients. Cancer and HIV/AIDS **support** groups distribute frequent bulletins to their members, or refer patients to available sources for information. However, the majority of clinical trials undertaken are dependent on the **investigator** identifying suitable patients, often within their own routine case load. The problem arises when stringent exclusion criteria...

...should we expect to achieve? Sandoz is one company seeking to increase the efficiency of clinical trail **programmes** by just these techniques, but is at pains to **point** out that the **communications** environment is very different in each country and local knowledge is an essential factor. Dr Ravi Anand, Director of Clinical **Research** for CNS products at Sandoz is a powerful **advocate** of this strategy, "We have learned the value of **communications programmes** to **support** patient recruitment in the US over a number of years and we are enthusiastic about implementing this strategy world-wide. If used wisely, **communications** is a tool for greater efficiency and a responsible approach, **assisting** the **research** community to do its job." Dr Anand is adamant that companies should only undertake this strategy with the **support** of the **investigators**, hospital ethical committees and, in most cases, the patient associations. The Power of The Media A problem in developing objectives for patient recruitment through a

mass media **program** is the lack of **recorded** experience. Only a few results have ever been published, and these logically, relate to specific cases which may not be **representative** of other disease areas or patient types. A paper from the Stanford Lipid **Research Clinical and Heart Disease Program**, published in 19821, described how effective different media categories were in recruitment following announcements based on varying...

...television. One possible explanation is that printed articles are frequently clipped and passed on to family or **friends**, or simply exist in circulation for considerable periods of time, for example, in waiting ... it is the provision of a simple release on a specific trial for general distribution or detailed **information** for experienced **medical** journalists, **information** should be tailored to the needs and style of that media where ever this is feasible. In the US, **investigators** are **relatively** more used to appearing on television and radio because of the large numbers of media who seek...

...a handful of sources in European localities. In Europe, therefore, there are fewer opportunities and experience among **investigators** will be limited. Tailoring a campaign to trial centres, therefore means restricting it to local media, probably...

...which may be a considerable burden on administrators, the hospital switchboard and the trial budgets. Therefore, highly **targeted** options may be preferred, eg through the medical media and limited subscriber publications. The development of highly...

...s disease, may include details of a new trial in the newsletters, reaching thousands of patients with **relative** ease. Co-operation with patient groups and professional groups in primary care (as well as hospital experts) is certain to become increasingly popular as the success and benefits become apparent to the **investigator** as well as the pharmaceutical company. Additional Techniques Non -media techniques include co-ordinated **physician** education **programs**, where **investigators** have the opportunity to foster an environment for more medical referrals from local general practitioners or hospital colleagues. Legitimate and practical concerns by referring **physicians** about patient management, follow-up and results are arguably more easily addressed in meetings, compared with written **communications**. Other approaches including posters and billboards at civic sites or clinics, or **targeted** brochures for selected groups, are occasionally applied particularly in therapeutic areas where there are limited patient numbers...

...may be appropriate if the disease area is "sensitive," such as sexually transmitted disease. Vancouver-based contract **research** company Viridae Clinical Sciences, has become a world leader in viral and sexually transmitted disease clinical **research** based on excellent scientific credentials and a well defined strategy for patient recruitment. **Advertising** and press materials should be as specific as possible in terms of baseline entry criteria and placed in journals, newspapers and newsletters where they will be seen by the **target** patient population. Posters should be designed in the same way and placed where their impact will be highest," says Viridae Clinical **Research** Director April Hughes. In addition to the use of **advertising**, Viridae's patient recruitment success is attributable using regular meetings to foster strong local community networks, regular...

...TV, radio and print) and the development educational literature. Approaching patients through PR Utilising media sources to **assist** the recruitment of "appropriate" patients is feasible in most countries. It

operators of nuclear installations. The Act limits manufacturers', operations' and suppliers' liability for...

...large eight-reactor generating stations carry no more than C\$150 million (apprx. \$207 million) in liability **insurance** coverage, amounts which many consider ludicrously small. The Act has been challenged by anti-nuclear groups in the Ontario courts. Ontario Hydro says if the Act were overturned, the **financial** risks to its business partners would precipitate a supply crisis at the utility. Reactor Regulation While it...involved in the drafting of IAEA standards on both wet and dry fuel storage, while AECL is **researching** the feasibility of permanent storage in the granite of the Canadian Shield. The AECB cooperates closely with...

...AECB said the USNRC had been "extremely cooperative in supplying information and the AECB remains in complete **support** of the USNRC position that this discharge will not present an appreciable hazard to members of the...

20/3,K/40 (Item 1 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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06472214 Supplier Number: 55077348 (USE FORMAT 7 FOR FULLTEXT)  
**Java takes control; Flexible, full-featured and scaleable, Java application servers become the safe choice for mission-critical Web applications** By Jon Udell.  
Udell, Jon  
Computerworld, p68(1)  
July 5, 1999  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count: 2393

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...thing is clear: Java's future as a client-side Web technology is cloudy. But Java the **programming** language (as opposed to Java the environment) has several strengths that make it an ideal choice for delivering those kinds of network services. Java **programmers** don't manage memory directly, so network services written in Java are immune to a whole class...

...and isn't constrained by Java's client-side security sandbox. In the snapshots that follow, we **profile** five companies that have deployed a different Java application server to **support** an important application. The diversity illustrates how these products have begun to specialize and differentiate. Collectively, they...

...becoming the standard way to build and deploy those network services. WebSphere Fills Gaps Organization: Cambridge Interactive Cambridge, Mass. [www.cinteractive.com](http://www.cinteractive.com) Assignment: Find a Java-based application server that can take over where ColdFusion and Active Server...

...recruit teams, collaborate and measure progress. Early adopters of Power Steering include KPMG LLP and Cambridge Energy **Research** Associates. When Power Steering was on the drawing board, Cambridge Interactive did an exhaustive evaluation of 25...

...concern was developer productivity, and on that basis the winning choice was IBM's Java-based WebSphere ([www.software.ibm.com/webservers/appserv](http://www.software.ibm.com/webservers/appserv)), says CEO and Chief Technology Officer Andy Singleton. Not all the options...

-- that help EGMC manage the free-form documents that augment the legacy **relational** data. And finally, SilverStream offers a very rich graphical user interface-based development environment that can express...

...potential for code mobility will eventually pan out, he says. "We need to deliver applications at the **point** of service," Sonty says. EGMC has experimented with using smart cards to store patient **records**, and Sonty says he hopes to equip **doctors** and **nurses** with Windows CE or other handhelds that they can use to tap into the information hub from...  
...on the WebSolution: webMethods' B2B Integration ServerLead: Tom Gwydir (gwydirt@dnb.com)Dun & Bradstreet collects and distributes **financial** data on more than 50 million companies worldwide. Through new initiative called the Global Access platform, the...

...XML-based interface. Second, let D&B customers connect to that service and assemble their own highly- **customized** D&B data feeds using COM- or Java-based D&B-supplied tool kit. At the heart of the Global Access platform is webMethods Inc.'s B2B Integration Server ( [www .webmethods.com](http://www.webmethods.com)), an NT-based Java application server that's adept at defining XML interfaces to Web...legacy data streams into new products. Do-It-Yourself Project Management Organization: Conexant Systems Inc. Newport Beach, Calif. [www .conexant.com/Assignment](http://www.conexant.com/Assignment): Choose an application server to host Talon, a thin-client application that herds projects...

...Rockwell Semiconductor Systems business to shareholders. A provider of semiconductor products for the fax, modem and wireless **communications** market, Conexant uses a "phase-gate" methodology called Phoenix to manage products through their development life cycles...

...document-management, groupware and project-management tools, Conexant decided to build its own custom groupware application to **support** and monitor the Phoenix process on the company's intranet. Why Java? Conexant knew it wanted a...

...fault tolerance and scalability. For the first incarnation of Talon, he settled on Bluestone's Sapphire/Web ( [www .bluestone.com](http://www.bluestone.com)). After nine months of prototyping, three developers spent four months building the application, which now **supports** more than 60 product development teams and 700 registered users. Like the other projects featured here, Conexant...

...Talon system is now enabling the company to do just that. wUdell, an independent author and Web/ **Internet** consultant, was Byte Magazine's Web architect and columnist. He's also the author of Practical **Internet** Groupware, forthcoming from O'Reilly and Associates. His home page is <http://udell.roninhouse.com>.

20/3,K/41 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06184716 Supplier Number: 54070387 (USE FORMAT 7 FOR FULLTEXT)  
**Insurance: Marine Midland Bucks Term-Life Sales Trend. (Brief Article)**  
Moore, Michael O'D.  
American Banker, v164, n45, pNA  
March 9, 1999  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 707

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

By MICHAEL

O'D. MOORE Marine Midland Bank is finding success with an **insurance** product that other banks have paid little attention to-simplified whole life. Since the Buffalo-based banking company began offering life **insurance** in May, about half of the 1,000 applications per month have been for simplified whole-life policies, said David L. Fried, president of Marine Midland **Insurance** Agency. "We have been very successful," he said. Banks have typically favored the quicker-selling term **insurance**, as underscored in a **study** released in October by the Association of Banks-in- **Insurance**, a Washington-based trade group. In 1997 banks' commissions from term **insurance** were three times those from whole-life sales, the **study** estimated. Whole-life **insurance** includes an investment feature that creates a cash equivalent, while term life has no cash value. The emphasis on term-life **insurance** has grown in recent years as **financial** planners and columnists have urged customers to buy the less expensive term **insurance** and invest the difference. **Commercial** Union Life **Insurance** of Boston underwrites the whole-life and term policies offered by Marine Midland. Gary Warden, vice president of **Commercial** Union's **financial** institutions division, said Marine Midland's success with whole life runs counter to banks' zealous interest in...

...Midland's sales of whole life have been driven by customers over 50, who are looking for **insurance** that will pay beyond age 65. The product has also received a boost as a significant number of parents buy policies as a savings vehicle for their children, he said. And several Marine Midland **Insurance** Agency executives have backgrounds selling savings bank life **insurance**, a whole-life product, he added. The term and whole-life products are simplified. Instead of a medical exam, in most cases the applicant is checked with the Westwood, Mass.-based **Medical** **Information** Bureau, which maintains a data base of **medical** and **insurance** records. Customers wrongly think that buying life **insurance** is an onerous process, Mr. Fried said. The goal is "demystifying life **insurance** -making people realize that it's not something where an **agent** is going to be calling them and calling them and coming to their home," he said. Marine Midland has 900 platform personnel licensed to sell **insurance**, he said, and expects to increase that to 1,700 this year. The bank has 23 **agents** selling to affluent customers, as well as a telephone sales effort that sells mostly term **insurance**. And Marine Midland is running a print and billboard campaign across New York State focusing on **insurance**. Marine Midland's movement toward the bancassurance approach of its London parent, HSBC Holdings, has also aided **insurance** sales, Mr. Fried said. Marine Midland will change its name to HSBC Bank USA this month. Bancassurance refers to banks' making **insurance** an integral part of their offerings. HSBC has successfully used the bancassurance approach in countries including England...

...said. But if they make a referral for a product they could sell, there's no monetary **reward**, he said. Such referral **programs** are a positive way to introduce the European- style approach, said Valerie Jordan, principal of Jordan & Jordan...

...of more complex products flow very nicely upward." The banking company has also added long-term-care **insurance** to its product menu and is considering adding property and casualty **insurance** this year, he said. Copyright c 1999 American Banker, Inc. All Rights Reserved. [http:// www .americanbanker.com](http://www.americanbanker.com)

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10492942 SUPPLIER NUMBER: 21175025 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Physicians as Double Agents.**

Shortell, Stephen M.; Waters, Teresa M.; Clarke, Kenneth W.B.; Budetti, Peter P.

JAMA, The Journal of the American Medical Association, v280, n12, p1102(1)

Sept 23, 1998

ISSN: 0098-7484

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 7922

LINE COUNT: 00672

**TEXT:**

...Division of Health Policy and Management, University of California, Berkeley (Dr Shortell): the Institute for Health Services **Research** and Policy **Studies**, Northwestern University, Evanston, Ill (Drs Waters and Budetti); and the Henry Ford Health System, Health Alliance, Detroit...

...7360 (e-mail: shortell@uclink4.berkeley.edu) Maintaining Trust in an Era of Multiple Accountabilities HISTORICALLY, a **physician** 's primary, and arguably exclusive, responsibility has been to his or her patients. The Oath of Hippocrates taken by **physicians** across the nation calls for a **physician** to practice medicine and prescribe treatment for "the benefit of his or her patients and abstain from...

...these patients." Although some may argue that this oath is anachronistic and in need of revision, a **physician** 's dedication to serving the needs of his or her patients has remained the "immutable bedrock of medical (ethics.sup.1)." Many view managed care organizations as a direct threat to a **physician** 's ability to fulfill the Hippocratic oath. Critics argue that managed care organizations, through their arsenal of cost-control mechanisms (eg, gag clauses, guidelines, formularies, profiling, **financial incentives**), force **physicians** to consider not only the needs of the patient but also those of the organization and the **physician** 's own **financial** interest. The latter motive was, of course, also prevalent in fee-for-service payment, often to the **financial** detriment of the patient or his or her insurer. Crawshaw et (al.sup.2) eloquently argue for a return to a trust-based **relationship** between **physician** and patient: "Medicine is, at its center, a moral enterprise grounded in a covenant of trust. This covenant obliges **physicians** to . . . use their competence in the patient's best interest." This call to medicine's moral grounding...

...framework of the existing (and developing) institutional (structure.sup.(4-6)) This article is based on a **study** examining the challenges facing **physicians** and **physician** organizations today, focusing heavily on the pressures created by managed care. The first section of the article outlines the methods used in the **study**. We then examine the current institutional structure of the delivery of health care, highlighting the conflicts faced by **physicians** as "double **agents**" who must serve the interests of both patients and health care corporations. The next section introduces the...

...and identifies and defines a set of 5 such properties that hold promise for resolving the double **agent** conundrum. Concluding sections highlight the challenges to the profession and the role of the 5 robust properties in constructing a new moral fabric for **physicians** in the managed care era. METHODS An extensive literature search dating back to 1987 was used to identify key issues facing **physicians** and **physician** organizations. Locator terms included **physician** manpower, **physician** organization, managed care, primary care, and quality of care. More than 100 articles were reviewed and specific content areas identified with regard to **physician** group practice formation; management and governance of

physician organizations; physician compensation, incentives, and productivity; contracting activities; care management; and accountability. These content areas were used to develop a semistructured questionnaire for in-depth telephone and in-person interviews with 15 national leaders from a number of health...

...for their national visibility and influence. They ranged from chief executive officers of large health care systems, physician group practices, and physician practice management companies to academicians with extensive expertise in the areas of health care delivery and physician behavior. Each person was mailed a 13-page, 22-item questionnaire for review prior to a telephone interview. The interviews lasted approximately 1.5 hours. The information was summarized and fed back to each informant for review and additional comment. Three study team members coded the final set of comments into the 5 content areas discussed herein. There was...

...agreement in the grouping of responses by content area, with the few differences resolved through joint discussion. Physicians as Double Agents Patients traditionally have trusted their physicians to act in their best interests in all matters pertaining to health and well-being. This fiduciary, or trust, relationship arises from the relative disparity in medical knowledge between the parties and the psychological vulnerability of patients concerned about their illness or health status. Although this relative disparity has been changing in recent years, the continuing differences in information and knowledge and the psychological ...

...a state of illness or potential state of illness still forms the core of the long-standing physician-patient relationship. For a member of a healing profession, one powerful motivation for entering into the relationship has always been the betterment of the patient. But there have also been other factors, principally the financial (reward<sup>sup7</sup>). Thus, when providing services, the physician would consider both the potential benefit of the service to the patient and the benefit to the physician. To the extent that the physician believed that more is better or that any possible benefit to the patient should be made available, the financial incentive and the betterment of the patient were well aligned. Moreover, to the degree that the patient was not paying for services directly but was covered through insurance, there was little conflict between the physician's different motivations. Managed care both modifies the traditional relationship and introduces a second relationship into the equation, that of the physician and the managed care organization to which the physician is also accountable. Physicians still retain their financial motivation, but now with modified incentives. That is, financial incentives for the physician are no longer clearly aligned with providing services, but may turn on holding services to some minimum level. Moreover, the physician must now consider both the needs of the individual patient and the needs of the managed care...

...all of its members, when making treatment decisions. As Fleck and (Squier<sup>sup.8</sup>) cogently state, "A physician in a managed care organization cannot be an unrestricted advocate of each patient's best interest. That is, a physician's advocacy can never ignore the needs of the rest of the managed care organization's members..."

...ethic of distributive justice," calling for a fuller development of this concept, especially as it relates to physicians operating in a managed care environment. The concept of distributive justice is not a new one from ...



...that there is not enough money to pay for basic, primary care for all members of society. **Physicians**, however, have been **relatively** isolated from the examination of this trade-off, being asked to be an individual patient **advocate** rather than a social planner. Under capitation and related forms of managed care, **physicians** are asked to consider the incremental benefit of a treatment to their specific, identified patient (the one with whom they have established a **physician**-patient **relationship**), not some abstract member of a population or group. They are expected to weigh that benefit against...

...patient and the managed care organization when making decisions. While fee-for-service (FFS) medicine encourages the **physician** to continue providing services until the incremental benefit is equal to the patient's cost (which is often as low as zero after meeting deductibles), capitated payment provides **incentives** for a **physician** to use fewer resources in patient treatment. Capitation forces the **physician** to pay attention to the denominator of all enrollees in the plan (or those on the **physician**'s panel) and not just the numerator of the individual patient receiving treatment. Perhaps all too often made to feel like a real estate **agent** who represents both the buyer and seller of a house or a spy who is also a counterspy for another government, the **physician** becomes a double **agent** representing both the interests of the patient at hand and those of the organization and all enrollees. The **incentive** to use fewer resources is further reinforced by the **physician**'s own economic **incentive**, which is that fewer services (not more services, as in FFS) result in more income. Thus, the **physician**'s **financial** motivation now is more closely aligned with the new institutional **relationship** than with the individual **physician**-patient **relationship**. This change in focus introduces considerable complexity and potential conflict of interest into the **physician**'s decision-making process. The new **financial** arrangement may not only result in less income for the **physician**, it may expose the **physician** to considerable **financial** risk at the group or organizational level as well. **Insurance** companies have long understood the concept of pooling risk by putting together **relatively** large groups of insured clients with varying risks of adverse events. **Physicians** (or even many **physician** organizations) who assume the risk of caring for a substantially smaller number of enrollees do not necessarily have the means to manage the risk with which they are faced. That is, **physicians** are expected to understand the outcomes and trade-offs associated with different approaches to treating their patients, their own ability to deal with and absorb **financial** risk, and methods for minimizing or pooling risk. Information--good and timely data and a reasoned basis for using that information--is the key to managing the risk facing **physicians**. Yet, without detailed information concerning the patients in their care, the economic risks that they represent, and the impact of potential treatments, the ability of **physicians** to deal with risk is severely compromised. Beyond the complexity of the economic **incentive**s, however, the high degree of uncertainty and ambiguity concerning the efficacy of many medical interventions further complicates the individual **physician**'s ability to decide what is best for the patient and what is best for the organization ...

...alternative treatments in terms that patients understand is the key to establishing and maintaining trust between the **physician** and the (patient.sup.9-11). A third limitation on the traditional **relationship** is the growing instability of patient-**physician** **relationships**. In the perhaps mythical Marcus Welby days of medicine, patients established lifetime **relationships** with their **physicians** and placed absolute trust in that **relationship**. In turn, the **physician** was able to consider both the short- and long-term needs of the patient when making treatment...

...no longer operative in the current and emerging marketplace. People are geographically mobile, changing jobs and health **insurance** and health care practitioners with **relative** frequency. Even people staying in one location and one job may see their health care coverage arrangements and practitioner options change with regularity. Mobility and change make it difficult for **physicians** and other health care practitioners to establish the long-term, personal **relationships** with their patients that characterized the prototypical simple trust underlying the earlier paradigm. Dissolution of Trust and Implications for Accountability The dissolution of the prior trust-based **relationship** is becoming increasingly clear as concern grows regarding the potential for managed care arrangements to undermine the public's confidence that one's **physician** will work in his or her best (interests.sup.6). This has led to both regulatory and voluntary measures to guard against abuses and protect patient well-being. Regulatory initiatives include the Health Care **Financing** Administration's efforts to implement requirements with respect to **physician incentive** (plans.sup.12) and the President's Advisory Commission on Consumer Protection and Quality in the Health...

...It has also led to voluntary quality assessment efforts, particularly the National Committee for Quality Assurance's **Health Employer Data Information** Set and report cards, efforts of the Foundation for Accountability to **promote** measures of quality, and new initiatives by the Joint Commission on Accreditation of Healthcare Organizations and...

...health care practitioners. This movement for new accountability is complemented by a growing body of consumer-accessible **health care information**. As managed **care** developed, the earliest efforts in holding **physicians** accountable focused on **financial** performance measures (eg, number and cost of referrals or inpatient admissions). This focus was probably the result...

...effort but have the potential to provide information that is far more meaningful to both patients and **physicians**. RESULTS Interviews with the 15 national leaders and the review of the literature identified 5 areas in ...

...efforts would be required to develop a workable system of shared accountability based on mutual learning between **physicians** and the various groups to which they are accountable. These include (1) practicing population-based medicine based on assessing community health needs, (2) aligning **financial incentives** with system and population goals, (3) enhancing **financial** and clinical management and governance of **physician** groups, (4) developing and implementing new care management practices, and (5) implementing an outcomes management reporting system...

...care, these are approaches that would serve the broad goals of professional organizations even as specific markets, **financial** arrangements, and health policies continue to change. Successful implementation of these approaches is likely to result in more judicious handling of the tensions inherent in balancing **physician relationships** with patients and managed care organizations and the **physicians'** own self-interest. They are also the mechanisms needed to provide the data to organizations demanding accountability...

...characteristic of the new accountability is the pressure for it to take into account not only the **physician's** role as double **agent** but also the needs of the community at large. As more medical problems have their etiological roots...

...the community (eg, domestic violence, unsafe sexual practices, substance

abuse), managed care may create both pressures and **incentives** to deal with these issues, at least with respect to one's own enrolled population. Although individual **physicians** may not be held personally accountable for the health of the community, the managed care organization of which they are a part has a growing economic interest in such involvement. And although **physicians** and health care organizations may not have the expertise and experience to deal with many of these...

...be accountable for groups and populations of enrolled or managed care lives requires an expansion of the **physician**'s role from the treatment of individual patients to concern about the health of the larger group...

...vary by the size of the group, the size of the enrollment base, and the degree of **financial** risk borne by the group and by the individual **physician**. Nonetheless, the fundamental fact remains that **physicians** -rightly or wrongly-will be balancing the immediate interests of their patients against the potential future needs of other enrollees and the attendant **financial** risk to the **physician**. One approach to minimizing this conflict that emerged from our interviews would be for **physicians** to take broader responsibility for the health of their population of enrollees. This will require identification of...

...voluntary injuries, which, if not prevented, lead to increased use of the medical care system and increased **financial** burden for **physicians**. Thus, the **incentive** is to intervene as early as possible in the underlying causes of these problems. This will require...

...community organizations, and others with the required expertise, resources, and commitment to deal with these challenges. Most **physicians** have neither the expertise nor the time to deal with these **relationships**. One strategy, therefore, is for selected **physician** leaders and health care executives and staff to develop such **relationships** on behalf of all **physicians** in the group. This will require an ability to forge community health care partnerships, set priorities, and mobilize resources to implement **targeted** interventions. Evidence from emerging **relationships** across the (country.sup.(16)(17)) suggests that this will engage **physician** groups in an ongoing dialogue with the community resulting in mutual learning and representing a new form of accountability. By working to eliminate health threats and destructive behavior early on, **physicians** reduce the number of times or situations in which they may have to choose between the health...win-win situation that helps to avoid part of the dilemma posed by the potentially conflicting agency **relationships**. To succeed, community interventions must be carefully **targeted** to areas where positive outcomes can be achieved, such as teenage pregnancy (reduction.sup.18), (immunizations.sup.19), and bicycle injury (prevention.sup.20). Although more **research** is needed on the cost and benefit of various interventions, the potential for reducing health care demand while enhancing population health makes this a robust property across different health care environments. **Incentive** Alignment Much attention has been focused on the alignment of (**incentives**.sup.21). Specifically, unless the **financial incentives** of the individual **physician** and the group practice at large are roughly congruent with those of other providers (eg, hospitals), payers, and patients themselves, concerted action to provide more cost-effective care is unlikely to be taken. As **Medicare**, **Medicaid**, and private payers place providers at greater **financial** risk, global **incentives** are created to reduce the demand on the system for care. The issue for **financial** alignment is how to translate these global **incentives** into individual **incentives** for **physicians** to reduce unnecessary demand and provide more cost-effective care to those for whom care is necessary. Those interviewed believe this will require a combination of **financial** and nonfinancial **incentives** that **reward** **physicians** on the basis of multiple factors, including

productivity, cost per visit, patient satisfaction, and selected clinical, quality, and outcome measures. While most efforts in this area are **relatively** embryonic, preliminary evidence suggests that successful **incentive programs** must be easily understood by **physicians** and clearly tied to behaviors and practices over which **physicians** exert control. In addition, **physician** participation in new **incentive programs** is strongly related to their level of effort in the development phases of these protocols and **programs**. Successful translation of organizational priorities into individual **incentives** will require a "buy in" that only comes with deliberate inclusion of **physicians** at all levels of the organization. The issue of tying compensation **incentives** to outcomes of care becomes even more challenging when addressing community health problems such as domestic violence...

...outcomes in these areas involves working cooperatively with other community groups. Thus, it is unfair to hold **physicians** alone accountable for these outcomes. But it is possible to provide **incentives** for participation in such initiatives. Examples mentioned in our interviews include the work of Fairview **Physician Associates** in the Minneapolis-St Paul, Minn, area to reduce the incidence of cardiovascular disease through community...

...communities (S.M.S., T.M.W., K.W.B.C., unpublished data, 1997). Governing and Managing **Physician Groups** Nearly all of the those interviewed reported that one of the toughest challenges in responding to the changes in health care delivery is learning how to manage and govern **physician** groups (David Lawrence, MD, oral **communication**, November 7, 1996). This task is made particularly difficult because of the myriad forms of **physician** organizations in existence and the varied **relationships** these organizations have with other entities such as integrated and organized delivery systems, hospitals, management service organizations (MSOs) that provide management services to **physicians**, **physician**-hospital organizations (PHOs) that involve a joint venture between hospitals and **physicians** largely for purposes of managed care contracting, independent (or individual) practice associations (IPAs), and **insurance** companies. Few of these arrangements exist in pure form. For example, **physicians** may be practicing in small partnerships that are part of an IPA. The IPA, in turn, may be part of a PHO open to all **physicians** or available only to those identified as cost-effective providers for purposes of broader contracting. The PHO maybe administered with **support** from a health care system's MSO. Most integrated health care systems or organized delivery systems will offer all models to **physicians** to accommodate different interests, practice styles, and market (preferences.sup.(23)(24)). Each form of **physician** organization may have multiple arrangements with different managed care (plans.sup.25). Our interviews revealed great variance, not only in the types of models, but also in their ability to manage **financial** and clinical risk, align **financial incentives**, and implement total quality management (practices.sup.(26)(27)). A central issue involves power and control. The consensus of those interviewed is that the struggle for power and control reflects tension between **clinicians** and managers over loyalty to the 2 masters they must serve: patients and the organization. This tension...

...vision and mission, culture, decision-making skills, managing conflict, and the previously noted alignment of compensation and **incentives**. Our interviews suggest that the key to managing and governing **physician** groups and their **relationship** with other parts of the health care continuum lies in a shared approach to governance that permits a balanced consideration of the needs of both patients and the organization. Many of the current **financial** and governance arrangements involving **physicians** and health care systems and among **physician** groups themselves are based

on reactive responses to the market as opposed to planned behavior consistent with...

...vision, mission, and strategic direction. Where health care executives are willing to share power and control with **physicians** in a meaningful way and where there is a nucleus of **physician** leadership willing and able to reciprocate, opportunities exist for meaningful collaborative **relationships**. **Physician** involvement in strategic decision making is essential along with forums for continuous **communication** and coordination and a culture that **promotes** cooperative behavior. Where such approaches are missing, reflected in a lack of trust and an inflexible approach to problem solving, one can expect the continued growth of separate **physician** organizations and linkages with **physician** practice management (companies.sup.28-30). It is estimated that approximately 7% to 9% of all **physicians** are currently associated with **physician** practice management (companies.sup.31). It was clear to our respondents that the **physician** practice management industry will consolidate. The winners are likely to be those able to provide **support** for clinical care management and outcomes reporting and not merely **support** for administrative "back office" functions. These observations are far from unique to health care. Many of the...

...sup.35). These include importance, investment, interdependence, integration, information, and institutionalization. Importance relates to the observation that **relationships** will thrive as long as they remain strategically important to both parties. This means that the **physicians**, other health care practitioners, and executives need to focus on providing cost-effective care linked by shared economic **incentives** to maintain and improve the health of those entrusted to their care. In addition, the **relationship** must be viewed as a long-term investment with **rewards** balancing out over the long run. At a given **point** in time, one party may be viewed as giving more than the other, but each party must see their investment as equitable in the long run **relative** to other available opportunities. Interdependence is required because the marketplace and other external forces place demands on the parties that can only be met through a well-functioning complementarity. Most **physicians** do not have the capital or the managerial and organizational expertise to remain independent in the current...

...on the other hand, do not and cannot practice medicine. Thus, there is necessarily interdependence. These interdependent **relationships** will become increasingly integrated through the further development of group practices, more sophisticated information systems, and greater **physician** involvement in the management and governance of health care systems. As a result, the **relationship** will become more informed, as all parties are involved in joint strategic planning, implementation, monitoring, and evaluation. Finally, as the **relationship** becomes more interdependent, integrated, and informed, it also becomes more institutionalized in the sense of developing a shared culture of working together. Although cracks in the **relationship** will inevitably develop from time to time, the more mature partnerships will have a reservoir of past **relationships**, performance, success, informed databases, and a positive culture that enables the cracks to be repaired. Developing Effective...

...the standard but allows the pilot the latitude to use his experience and knowledge" (Kevin Fickenscher, MD, oral **communication**, August 22, 1996). Development of effective care management practices is critical to the development of trust that...

...practice is that communities have decided that they are paying too much for health care" (William Conway, MD, oral **communication**, September 6, 1996). With few exceptions, the impact of changes in care management

practices on costs and...

...informant interviews and distillation of the literature, these characteristics are highlighted in Table 1. Aside from the **incentives** for change, perhaps the most important characteristic listed is the involvement of local **physicians** in designing new care management (practices.sup.38-40). There is emerging evidence that **physicians** will respond to these new approaches if they lead them rather than have them imposed from the...

...be more successful in implementing comprehensive changes in care management practices. For example, it is the larger **physician** groups and health care plans such as the Harvard Pilgrim Community Health Plan, Cambridge, Mass; Kaiser/Group...  
 ...US Healthcare, Blue Bell, Pa; and Humana, Louisville, Ky; that are more involved in overall disease management **programs** (Edward F. X. Hughes, MD, James L. O'Brien, MA, Teresa M. Waters, PhD, unpublished data, 1995). Nonetheless, great variability exists, ranging...

...southeastern Michigan (which has 42 patient care pathways constituting more than 50% of hospital inpatients (William Conway, MD, oral **communication**, September 6, 1996)) to organizations that appear to face insurmountable problems in involving **physicians** in reexamination of clinical behavior. Those interviewed emphasized the importance of the context in which such work occurs. Some degree of integration among **physicians**, hospitals, and health plans **promotes** more effective implementation of care management practices. One respondent stated that "all pieces leg, hospitals, **physicians**, health plans) must be viewed as strategic services" (Sandra Rorem, MBA, oral **communication**, November 15, 1996). It is difficult, however, to implement care management practices in an FFS environment or...

...clinical practice also influences and is influenced by changes in the balance of power between primary care **physicians** and **specialist physicians**. Many groups are facing important questions such as what is the appropriate scope of care to be provided by primary care **physicians**? Are primary care **physicians** being forced to provide a broader scope of care? How will referral **relationships** be affected? What are the implications for cost, quality, continuity, and outcomes of care? Although there is not extensive analysis of the impact of care management on outcomes of care, **physicians** can find guidelines and protocols to be useful sources of education offering potential for improving quality of care. **Physician** groups that have adopted such guidelines cite reductions in practice pattern variations due to them. Furthermore, 60...

...However, one person's standardized information is another's bureaucracy, intrusion, burden, and cost" (Arnold M. Epstein, MD, oral **communication**, 1996). Outcomes Management and Reporting Systems The fifth robust property identified by those interviewed as necessary to...

...and address the demand for evidence-based accountability is an outcomes-management reporting system. This requires that **physician** groups commit more resources for investment in clinical information systems. For the investment to be wise, considerable advanced planning is needed to determine what kinds of information are needed, for what purposes, at what **points** in time, and for whom. In general terms, clinical information is needed for 3 purposes: internal continuous...

...Internal continuous quality improvement in real time requires data compatible with the clinical decision-making process of **physicians**, **nurses**, and other members of the health care team. The system will be focused on diagnostic and treatment test results involving laboratory,

pharmaceutical, and radiological data along with observations on patient response **recorded** by **nurses**, **physicians**, and other **health care professionals**. Data will also be needed to track daily experiments in improving quality of (care.sup.43) and for capitalizing on new breakthroughs in clinical and biomedical **research**. External reporting requirements will be driven by such organizations as the National Committee for Quality Assurance and the Joint Commission on Accreditation of Healthcare Organization. This will require aggregating data across patients and **physicians** to derive intermediate and outcome measures of both service and clinical quality such as immunization rates, mammography...

...track patients over time will require large data storage and processing capabilities and the ability to link **information** across multiple **treatment** settings, such as the home, **physician** office, hospital, nursing home, and other related settings. Each of the above needs poses distinct challenges. Investment...

...meeting these needs. Due to the capital required for such investment, it is likely that only larger **physician** groups and health care systems will be able to make such investments. Clinical information will become the lubricant for outcomes reporting, and outcomes reporting in turn will be at the heart of accountability between **physicians** and multiple stakeholders. A Challenge A major issue is the extent to which the new technologies of and approaches to accountability will be developed by **physicians**, by external groups, or by combinations of the two. To the extent that **physicians** do not step forward to recognize the new demands for accountability, the managed care organizations and external bodies will fill the void. But even where **physicians** and the profession at large play appropriate leadership roles, external groups such as payers, accreditation bodies, patients...

...the criteria and, in particular, specifying the ways in which data are to be collected, reported, and **communicated** to the public. The implication for **physicians** is that they can no longer be the sole purveyors of what constitutes appropriate accountability. Rather, they...

...selected information, and who should have what information and for what purpose. Although a growing number of **physician** groups, managed care organizations, professional associations, accreditation bodies, and state and federal governmental agencies are using some...

...their impact. Further work is needed to examine the linkage between external reporting accountability requirements and internal **incentives** for the provision of cost-effective ...even though 95% of health maintenance organizations and 55% of preferred provider organizations report using patient satisfaction **surveys**, only 18% of these organizations use the results to adjust payments to primary care (**physicians**.sup.45). COMMENT Whatever combinations of accountability approaches are developed, it is clear that they must address the double-agent challenge; they must motivate appropriate **physician** behavior in a way that acknowledges professional principles and peer respect, while at the same time meeting...

...that inspires trust and instills confidence for all involved. For this to occur, it is critical that **physicians**, other **health care professionals**, and all relevant stakeholders have a clear vision of what they are trying to achieve, for whom...

...focused discussion and action. They provide a platform for constructing a new moral fabric for the patient- **physician relationship** based on the mutual learning of all parties around shared information and expertise. Table 2 summarizes the...

...fabric. As shown, the new moral fabric reflects both a broader set of responsibilities and accountabilities for **physicians** and a sharing of those responsibilities with others. An emphasis on population-based medicine is needed to deal with enrolled populations and the community at large and, in particular, to deal with the increased **financial** risk that **physicians** will be asked to assume for the care of such populations. Practicing population-based medicine with an...

...be necessary to maintain credibility and trust with purchasers and accreditation bodies. A balanced set of aligned **incentives** involving productivity, cost per unit of service, quality, patient satisfaction, and selected outcomes measures is needed to build credibility and trust based on documented evidence of effective treatment and meet the **physician's** own organization and public accountability demands. Enhanced management and governance are needed to be responsive to...

...a pathway from the old to the new moral fabric. Cast in this light, accountability and the **physician's** role within the process become part of a continuous journey to improve the health of individuals...

...fabric will require continuing examination and debate as managed care and related forces continue to evolve. The **research** on which this article is based was **supported** by The Commonwealth Fund, New York, NY, under grant 96912; the Center for Health Management **Studies** of the Network for Health Management Education, Seattle, Wash; and the National Science Foundation, Washington, DC. Dr...

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TEXT:

Edited by Annette Flanagan, **RN**, MA, Associate Senior Editor. From the Departments of Medicine and Pediatrics, Albany Medical College, Albany, NY. This...

...system. The first article appeared in the August 19, 1998, issue of JAMA. Reprints: Paul C. Sorum. **MD**, PhD, Albany Med Primary Care Network, 724 Watervliet-Shaker Rd. Latham, NY 12110 (e-mail: Sorum@compuserve...

...Declines, General Practice Rises THE FRENCH medical system is characterized by a distinction between 2 tiers of **physicians**: generalists and ( **specialists** .sup.1-4) This distinction is founded on the way **physicians** are trained. Postgraduate medical education in France has 2 unequal (tracks.sup.5) The 40% to 50...

...of medical school, pass the rigorous entrance examination to the intern at (the residency track to train **specialists**) have higher status than those who enter the generalist track (the residanat). **Specialists** also spend a longer time in residency training than do generalists (4-5 years as opposed to 2.5 years), earn more money when they enter practice, and have the possibility of becoming academic **physicians**. Most of the clinical training of medical students and residents, even of future generalists, occurs within university hospitals and to a lesser extent nonuniversity

hospitals under the tutelage of **specialists** and subspecialists. Except for the recent requirement for residents in the generalist track to spend 4 to 6 months in a generalist's private (office.sup.6), French **physicians** have not started to move training into ambulatory settings. Generalists, who comprise 50% of all **physicians** and 60% of private (practitioners.sup.3(p109)), dominate primary care in France. Few **specialists** provide primary care, unlike in the United States and (Germany.sup.7) Primary care **physicians** seldom take care of their hospitalized patients; this care is provided by **specialists** or subspecialists, who are either private practitioners or salaried hospital employees (including the teaching faculty in the university medical centers). The **specialists** and subspecialists in the hospital are not consultants, therefore, but rather assume full control. In this way...

...similar to those of England, Germany, and (Italy.sup.(4)(7)(8)). The division between generalists and **specialists** (and particularly subspecialists) might, in theory, be bridged by generalists within each speciality involved in primary care...

...in the community. Thus, at the end of the last decade, the ratio of internists to all **specialists** was about 2%, compared with 15% to more than 25% in other countries in the European (community.sup.9) In 1996, general internists constituted only 1% of all **physicians** and 0.5% of private practitioners (Table).<sup>10</sup> During the years between the 2 World Wars, US internists and other **physicians** were defining and organizing themselves with reference to their professional rivals both outside and within (medicine.sup.(11)(12)). During the same period, French **physicians** were fighting their government in defense of the principles of private practice threatened by the emerging social...

...and the American Medical Association created boards for the self-regulation of training and certification of US **physicians**. Thus, internal medicine became a well-entrenched specialty in the United States before the proliferation of subspecialties...

...World War II. Such was not the case in France, as subspecialists became dominant within France's **physicians'** unions and within the expanding medical school faculties. The result for internal medicine residency training is the...

...France.sup.9) French residents train to become either subspecialists (eg, cardiologists, endocrinologists, etc) or general internists (**specialists** in la medecine interne). If they choose general internal medicine, it is difficult (although not impossible) subsequently...

...internal medicine before (subspecialization.sup.14), the delineation by the European Federation of Internal Medicine of a **research program** for general internists,<sup>14</sup> and the free movement of **physicians** across the European Union. THE DECLINE OF GENERAL PEDIATRICS Pediatrics provides a partial exception in France to...

...tier system. General pediatricians have several important roles. In the community, private pediatricians serve as primary care **physicians** for children, particularly for infants. In the hospitals, pediatricians serve as instructors in general pediatrics for medical...retiring are finding it difficult to find (replacements.sup.18-20) Thus, the 2-tier stratification of **physicians** is being extended. The reasons for the decline of general pediatrics are multiple. First, the position of general pediatricians in the community is already restricted (Table). A **survey** in 1993 found 54 pediatricians per 1 million inhabitants (vs 18 in Great Britain and 126 in (Germany).sup.17); a different **survey** in 1994 found 17 hospital-based and 52 office-based pediatricians per million (vs 47 and 68...

...a (hospital.sup.22) Meanwhile, as a part of the efforts to curtail the rapid increase in **specialists** and subspecialists, the French government has decreased the total number of training spots in pediatrics in recent...

...250 per year in 1991 to 110 in (1995.sup.19) In addition, according to Antoine Bourrillon, **MD**, chief of general pediatrics at the Hopital Robert Debre (oral **communication**, March 10, 1997), administrators and other **specialists** do not appreciate the role of general pediatrics in the overall and continuing care of children. Third...

...residents, 2 to 4 more years as hospital fellows, up to 50% of them stop working as **physicians** or work only part-time in salaried positions in community health clinics or hospitals (whereas 10% follow a university hospital career and 40% set up private practices). The reasons for this attrition include insufficient **incentives** (the **relatively** low (pay.sup.(18)(19)(23)) and long hours of work for pediatricians) and the feminization of...

...community could come from the recent experiments in primary care with generalists coordinating care and access to **specialists**. These experiments resulted from several years of discussion about "networks of caregivers" that led to a government decree in April 1996 and a subsequent agreement in April 1997 of 2 of the French **physicians** ' unions acting in the name of all private **physicians**. Patients and generalists are now able, on a voluntary basis, to agree that the generalists will serve as the coordinators of care and that the patients will visit **specialists** only if they are referred by their own (generalists.sup.25). With the **support** of many generalists, some proposals included pediatricians as a whole among those **specialists** needing referrals. In the initial experiments, however, pediatricians have been exempted from these restrictions. Parents continue to...

...tried to respond to this crisis. In 1993, the Societe Francaise de Pediatrie organized a commission to **study** the current state and future of pediatric teaching and practice. In 1995, the commission addressed to pediatricians...

...children have special characteristics, needs, and problems and that, as a result, they need the attention of **specialists** in children's health who are trained to care for the child as a whole and within...

...system. Both symptomatic and instrumental was the formation in 1986 of MG France (medecins generalistes), the first **physicians** ' union dedicated specifically to the pursuit of generalists' interests. Before the appearance of MG France, French **physicians** ' unions had been divided largely according to location of practice (eg, community private practice vs salaried hospital...

...ideal of a private practice based on the principles of the patient's freedom to choose a **physician**, the **physician** 's freedom to prescribe as deemed appropriate, and the direct payment by the patient to the **physician** of a fee negotiated between the patient and ( **physician** .sup.(13)(26)) The generalists had either abstained or formed small subgroups within the multiple unions. The...32 000 to \$30 000 (in 1980 US dollars) between 1979 and 1987, while the revenue of **physicians** as a whole rose from \$36 000 to (\$38 000.sup.13(p205)) Generalists realized that their interests were being sacrificed by the **specialist** -dominated unions. At the same time, after several decades of rapid, glamorous growth in the specialties, general practice began to receive renewed appreciation. The cause of "generalism" was championed by the leftist, socially minded **physicians** who emerged in

France in the 1960s and organized in the 1970s. Their **program** was taken up by the entourage of the Socialist Francois Mitterand, who was elected president in 1981, although Mitterand's rapid turn to the right ended any major effort to challenge the **specialist** -dominated unions of private (practitioners.sup.13). Generalists' residency training was strengthened; its duration was increased in...

...of primary care is, however, not yet secure, in light of recent proposals to create specialty training **programs** in geriatrics and emergency (medicine.sup.29). MG France was not initially recognized by the government as a valid negotiator. The new union opposed the agreements about the delivery and **financing** of health care reached by the **specialist** -dominated unions, the national health **insurance** funds, and the successive governments in the 1980s and early 1990s. The government began, however, to **support** MG France's **program**. The union's call for the suppression of the ability of **physicians** to opt to charge fees higher than the fees set by the negotiations among unions and **insurance** funds was enacted in 1990. Premier Alain Juppe's proposals in 1995 to institute stricter controls on health care expenditures included the generalist-coordinated "care networks" **advocated** by MG France. In addition, the Juppe plan's scheme for global budgeting of **physicians** ' charges and prescriptions dealt with generalists and **specialists**, for the first time, as distinct groups; accordingly, separate accords were to be signed by unions representing the generalists and the **specialists**. Because of this, MG France was the only one of the major **physicians** ' unions to **support** the Juppe plan and became the government's principal partner. It signed the new generalist accords on...

...12, 1997, while the government had to find a minor union, largely representing surgeons, to sign the **specialist** accords. Thus, even though MG France was challenged by another union that was opposed to the new...

...and the institution of the Juppe plan of reforms helped to formalize the separation between generalists and **specialists** in (France.sup.13).  
CONCLUSION Such restratification is taking place in other countries as well. For example...

...and hospitalists take over hospital (care.sup.30), family practitioners, general internists, general pediatricians, and medicine-pediatrics **physicians** are increasingly seen by insurers, policymakers, and educators as different varieties of office-based primary care (**physicians** .sup.31-33). The pluralism and **specialist** training of these primary care **physicians** are, in comparison to France, a strength of the US health care system, but unlike in France...

...pluralism has opened the way for the creation of a new tier of primary health care practitioners: **nurse** practitioners and **physician assistants**. **Physicians** in both France and the United States hope to overcome the problem of continuity of care and **communication** between tiers of **physicians** by guaranteeing the primary care **physician** 's role as coordinator of care, though France lags behind the efforts of the United States. In...

...plan in France to get patients to carry with them a personal medical dossier in which each **physician** writes the results of each (visit.sup.25) will have more success in France (where parents already bring to each visit a **medical record** for their child) than in the United States. Both countries are moving haltingly toward computerized **medical records**. Yet, both France and the United States may be able to learn from the ways each country is responding to the rather different restratifications of their nonsurgical **physicians** into 2 tiers: primary care **physicians** and **specialists** or subspecialists. I am very grateful for the helpful comments

of Antoine Bourrillon, MD, and Alain Fontaine, MD, DrPH. References 1. Fielding JE, Lancry P-J. Lessons from France--"vive la difference." JAMA. 1993;270:748-756. 2. Colin C, Geffroy L, Maisonneuve H, et al. Country profile : France. Lancet. 1997;349:791-797. 3. Le Faou A-L. L'economie de la sante en...  
...155-160. 8. del Torso S, Bussi R, Dewitt TG. Primary care pediatrics in Italy. Pediatrics (serial online ). 1997;99:e8. 9. Piette J-C. Current problems in training arrangements in internal medicine in France...  
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20/3,K/44 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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10488080 SUPPLIER NUMBER: 21168904 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Insurers push electronic claims (and dangle some carrots). (medical insurance usage of electronic records and claims)**  
Baldwin, Gary  
American Medical News, v41, n34, p24(1)  
Sept 14, 1998  
ISSN: 0001-1843 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 964 LINE COUNT: 00080

TEXT:

MODERNIZATION: **Electronic** data advocates argue that the opposite of paper is efficiency. Their grip on health care is growing stronger, two initiatives reveal. THE CRISP EFFICIENCY OF **ELEctronic** data interchange long has been a hazy pipe dream for health care. While the rest of the world has marched ahead into computerized record-keeping and financial transactions, vast segments of the industry remain mired expensively in paper. While government health programs have made major strides, the private market lags. Fewer than 40% of **Commercial** claims are filed electronically, according to Faulkner and Gray's 1998 Health Data Directory. Forces are converging to push that number higher. First, new **electronic** data standards, urged by the industry and mandated by Congress, will provide a common transaction language. Second, the price of computers and practice management software has become affordable for small practices. Third, emerging software programs permit **physicians** to file with many payers through a central practice management system. Finally a new generation of computer-savvy medical students is entering the marketplace. Two large private health insurance companies have initiated programs seeking to capitalize on these trends. By encouraging the use of EDI by **physicians**, often stubborn when it comes to new office technology. "Doctors are still in the horse and buggy era," said Bernard Schayes, MD, a Manhattan primary care physician who files 90% of his claims electronically "I can't understand why." Dr. Schayes devotes 95% of his time...

...possibly take care of so many patients if I didn't use the computer." A guaranteed payment program DR. SCHAYES SAID HE APPLAUDS the industry initiatives. One, announced in June by Aetna US Healthcare, guarantees payment of electronically filed claims within three weeks. Aetna rolled out the project to about 8,000 **physicians** in New Jersey and New York in July and is planning a national expansion beginning in 1999. About 80% of the group's primary care **physicians** in its northern New Jersey pilot area have signed up, said David Kirshenbaum, Aetna's general manager of **electronic** commerce. In addition to streamlining referrals, the system

also automatically rejects incomplete claims, he said. Aetna will provide free software to **physicians**, who must buy their own computer. It's a wise investment, Dr. Schayes said. The solo **physician** said paper claims provide insurers an added excuse to delay payment "They use paper against us," Dr. Schayes said, citing how one **HMO** delayed an \$8,000 paper claim for 6 months. Kirshenbaum said the "E-Pay" **program** also would benefit patients. When payments are held up, **physicians** at times balance-bill patients improperly "It gets (the patient) out of the loop," he said. In another major initiative, CIGNA HealthCare is also looking to boost **electronic** commerce among its 200,000 contracted **physicians**. Only 34% of CIGNA's claims are filed electronically, said EDI Director Paul Keyes. "We are looking to increase **electronic** volume." CIGNA is giving away free software to **assist physicians** in moving to **electronic** formats. The software, produced by M.D. On - Line Inc. of New Jersey, is a module that attaches to common practice management systems. The **program** enables **physicians** to capture and transmit claims to CIGNA and other payers, such as Oxford Health Plans. "This is...

...Magida, marketing manager at Oxford. The software spits out a transmission report that itemizes each claim by **insurance** company patient name, date of service and amount of claim. It also generates a rejection report for incomplete submissions that don't make it past the **electronic** clearinghouse. In contrast, incomplete paper claims can languish for weeks. "We provide an immediate audit trail," said William Bartzak, president of **MD On - Line**. CIGNA is paying for the software module for **physicians** who enroll in the **program**. After enrolling, **physicians** pay a monthly fee of \$25 to **MD On - Line** for processing an unlimited number of **commercial** claims. Paper claims take six to eight weeks to process, while **electronic** claims move twice as fast, Bartzak said. Everyone in the industry agrees that the labor-intensive paper...

...is difficult. Given migration on and off panels, insurers may not even know how many of its **physicians** are connected. But clearly the savings potential is vast, and insurers are looking to slash overhead. A 1994 New Jersey **study** concluded the state could save \$760 million annually by processing health care transactions over open **computer networks**. Only about 15% of New Jersey's 150 million annual medical claims are processed **online**, according to the **study**. Administrative expenses account for 17%, or \$5 billion, of the annual health care outlays in the state. The numbers caught lawmakers' attention and as a result, a number of its EDI- **friendly** proposals are under consideration, said Mark Gordon, director of special **studies** at Thomas Edison State College. Despite the **lure** of such savings, EDI proponents do not underestimate the difficulty of converting **physicians** to their cause. Even outwardly sophisticated practices equipped for **electronic** processing stray from the fold, Kirshenbaum said. Some practices use existing technology to submit as few as...

20/3,K/45 (Item 4 from file: 148)  
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10484471 SUPPLIER NUMBER: 21167733 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**peter's picks & pans.**  
Jacso, Peter  
Database, v21, n5, p80(1)  
Oct-Nov, 1998  
ISSN: 0162-4105 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2689 LINE COUNT: 00208

TEXT:

...to the educational database. the picks CRITICAL COMPARISONS OF AMERICAN COLLEGES AND UNIVERSITIES The beauty of the **World Wide Web** lies not only in that it makes possible the publication of many useful information sources (and a...

...to introduce novel approaches for information retrieval and presentation. Critical Comparisons of American Colleges and Universities (<http://www.memex-press.com>) is one example. This new service and database from Memex Press, Inc. is the...

...the Department of Education, the Bureau of Labor Statistics, and the National Academy of Science's National **Research** Council to paint an objective portrait of nearly 1,400 U.S. colleges and universities. The database can be browsed by name or Carnegie classification ( **Research** University I & II, **Doctoral** Universities I & II, Masters (Comprehensive) Universities I & II, and Baccalaureate Universities I & II). The database can be...

...short interpretive descriptions of these categories: cost, faculty reputation, library services, crime, student services, scholarships, student body, **finances** , and majors. Within each category are several comparative graphs. These put the institution in appropriate context by...

...axis represents the number of institutions that belong to the appropriate bin. The bin-group of the **target** institution being analyzed appears in red (shaded when printed in black and white). It clearly shows the **relative** position of the institution within its class. Clicking on any of the bars will list the institutions...

...your enthusiasm is cooled by the tuition fee, you click twice to get back to your original **target** institution. Does the name Memex ring a bell? It honors the concept developed by Vannevar Bush in...

...article. DEMOTABLES/DEMOGRAPHICS I might not have spotted this gem of a database without the Web (<http://www.magnet.at/heilig.htm>). The software developed by Gerhard K. Heilig is an outstanding tool for easy...Texas, but this is just for starters. Most of the data are also available through the DemoGraphics **program** as a variety of graph, chart, and thematic map formats. What makes them unusual is that these...

...to pale yellow (low IMR) as quinquennials go by. This database is a godsend, not only for **researchers** , but also for students to learn about population dynamics, represent statistical data across time, find interesting demographic...

...wish I could brag about what a clever mental leap I had, but the data did not **support** it. I am puzzled, but it is not the fault of the database or the software. That...

...the new World Databases (WDBS on DataStar) directory from Bowker-Saur, but these are only in the **publicity** blurb. Reality shows an embarrassingly bad database, and makes me wonder how the producer and DataStar thought they could get away with it when the primary **target** users are likely to be information professionals. Bowker-Saur and DataStar don't seem to be able...

...why doesn't it say "Annual reload?" Users may become incredulous as they read the sample **records** for Science Citation Index (SCI) in the Database Description. WDBS claims that there are 12,000,000 **records** in the database. Sorry, wrong number. The correct figure for the entire database is about 16,000,000. WDBS claims that SCI is updated weekly (so far so good) and 780,000 **records** are added per update. No one spotted

that it would result in a phenomenal growth rate quite out of line with the actual size of the file (40,560,000 **records** per year). In reality, the number of **records** added weekly ranges from 13,000 to 21,000. Bowker-Saur may have had second thoughts because for some implementations of SCI the **records** say: "Updating: Not updated; 780,000 **records** per update." So is it or isn't it? And if it is, with how many **records** and how often? WDBS claims that SCI covers 5,200 journals. ISI itself pegs this number at...

...are available only if the article had author abstracts. ISI does not create abstracts. Usually, the sample **records** used by the producer for documentation and **promotional** materials are well-chosen and carefully examined to let the producer put its best foot forward. If of **records** have abstracts, such as the SPORT database (17% with abstracts). No matter what database I looked up, its description was filled with nonsense. When WDBS claimed that Information Science Abstracts (ISA) adds 8,800 **records** per update, I thought that Bowker-Saur has mistaken the volume of the yearly update for that of the monthly update. But when I saw the monthly update volume for Mental Health Abstracts (MHA) **reported** as 18,000, this belief became untenable. It takes more than 5 years for IFI/Plenum to add that many (or is it that few?) **records** to this ailing database. Bowker-Saur claims that a detailed subject index allows quick and easy access...

...this descriptor : "Other-AddictiveBehaviours-see-W-7?" Others, such as "Materia-Medica" that appear in just five **records** in the entire MHA database, can hardly be justified as a topical descriptor in WDBS. Credit goes to the producer for advising that "in some cases price information is also included in the **records** ." I would have taken that for granted, but maybe we are better off without price information. The **records** that do have price information are grossly outdated or plain wrong. I would not have expected the...

...least pre-1997. It is easy to recognize that the US \$65 charges for both offline and **online** prints in ISA are excessive (a misprint of 65 cents, I presume). But it was years ago when the print charge was 65 cents. Most of the nonsense is repeated for **records** of each and every **online** , CD-ROM, and tape versions of a database (at \$4 a pop) even when the database name provides a clue. Take ABI/INFORM as an example. The descriptions of ABI/INFORM Global, ABI/INFORM **Research** , ABI! INFORM Select, and most of the 34 versions keep repeating that the database is updated monthly, 40,000 **records** are added to it at each update, and it covers 1,100 journals. In some **records** , the descriptive part makes it clear that far fewer journals are included in ABI/INFORM Select, but the rest of the **record** just parrots the wrong information dragged from one **record** to the next. The software matches the quality of the data content. You cannot search by type of medium ( **online** , CD-ROM), or type of database (bibliographic, numeric) and other criteria that are available for the Gale...

20/3,K/46 (Item 5 from file: 148)  
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10404029 SUPPLIER NUMBER: 21028329 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Adherence and Anti retroviral Therapy in Injection Drug Users.**  
Sherer, Renslow MD  
JAMA, The Journal of the American Medical Association, v280, n6, p567(1)  
August 12, 1998  
ISSN: 0098-7484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2327 LINE COUNT: 00200



Switzerland. Abstract...

...compliance and non-compliance. In: Haynes RB, Taylor DW. Sackett DL, eds. Compliance in Health Care. Baltimore, Md : Johns Hopkins University Press; 1979:11-12. 8. Klaus BD, Grodesky MJ. Assessing and enhancing compliance with antiretroviral therapy. **Nurse Prod.** 1997;22:211-219. 9. Chesney MA. New antiretroviral therapies: adherence, challenges and strategies. In: Evolving HIV treatments: advances and the challenge of adherence, 37th Interscience Congress on Antimicrobial **Agents** and Chemotherapy Symposium; September 28, 1997; Toronto, Ontario. 10. Ickovics J, Meisler AW. Adherence in AIDS clinical trials: a framework for clinical **research** and clinical care. **J Clin Epidemiol**, 1997;50:355-391. 11. Montaner J, Wainberg M. Italy, the Netherlands, Canada, Australia and Sweden (INCAS) **study** results. In: Proceedings of the public meeting of the National Institutes of Health Panel to Define Principles...

...NIH Panel to Define Principles of Therapy of HIV Infection and Guidelines for the Use of Antiretroviral **Agents** in HIV-Infected Adults and Adolescents. **Ann Intern Med.** 1995;125:1057-1100. Updates via the **Internet** at: [http:// www .hivatis.org](http://www.hivatis.org). 14. Midwest AIDS Training and Education Partners Web site. Available at: [http:// www .matep.org](http://www.matep.org). Accessed July 22, 1998. 15. Bond W, Hussar DA. Detection methods and strategies for improving...

...compliance. **Ant J Hosp Pharm.** 1991;45:1975-1955. 16. Treisman GJ. A behavioral approach for the **promotion** of adherence in complicated patient populations. In: Evolving HIV treatments: advances and the challenge of adherence, 37th Interscience Congress on Antimicrobial **Agents** and Chemotherapy Symposium September 28, 1997; Toronto, Ontario. 17. De Cock K. Monitoring the epidemic of HIV/AIDS in the United States: current status and future prospects. In: **Program** and abstracts of the 5th Conference on Retroviruses and Opportunistic Infections; February 1-5, 1998; Chicago, Ill ...

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...JAMA 1997;27&63-85. 22. Moss A. Adherence in homeless populations. Presented at: Forum for Collaborative **Research** Conference on Adherence: A **Research** Agenda; November 20, 1997; Washington, DC. 23. Gostin LO, Lazzarini Z, Jones TS, Flaherty K. Prevention of HIV/AIDS and other blood-borne diseases among injection drug users: a national **survey** on the regulation of syringes and needles. **JAMA.** 1997;277:53-62. 24. Centers for Disease Control and Prevention. Update: syringe exchange **programs** -United States, 1996. **MMWR Morb Mortal Wkly Rep.** 1997;46:565-558. 25. Wiebel WV, Jimenez A...

...at Risk behavior and HIV seroincidence among out-of-treatment injection drug users: a four-year prospective **study** . **J Acquir Immune Defic Syndr Hum Retravirol.** 1996;12:282-259.

20/3,K/47 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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10276076 SUPPLIER NUMBER: 20623253 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**South African health care in black and white. (Nkosazana Zuma, Minister of Health) (Interview)**  
Murphy, Gabrielle

Lancet, v351, n9113, p1421(4)

May 9, 1998

ISSN: 0099-5355

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3943

LINE COUNT: 00299

TEXT:

...by decades of apartheid, seems to be succeeding. Her zeal and uncompromising spirit have earned her stalwart **support** from President Nelson Mandela, but she has also engendered ferocious criticism, not necessarily of her policies, but...

...criticism for Zuma, and indeed the ruling African National Congress (ANC), for their Interest in the further **investigation** of the experimental drug Virodene, **promoted** by its developers as a cure for AIDS. Since this interview took place, public disapproval is mounting...

...do you mean by burden? Well, in retrospect, if I as Minister of Health had announced the **programme** for implementation in the first 100 days, there would have been so much resistance to it. But...

...might have been privately criticised, publicly no-one said "don't do it". A year later, this **programme** was evaluated. The report concluded that there should have been more planning and consultation before implementation. Is...

...the nature of the government that we inherited, in which departments were compartmentalised with little cross-sectional **communication**. Since we have come to govern, for instance, we are, with the Department of Education, integrating health...

...far better than that which we inherited. If your ultimate aim is free health care at the **point** of delivery for all people, what are your plans for implementation? To the first part of the...

...anyone who enters the public health sector at the primary level, and who needs referral to a **specialist** centre, doesn't pay. That is number one. Then number two, we would like to see the...

...like everyone to have health cover, either by the State or by their medical aid at the **point** of service. But this may take a long time. Before you took office, there were several major commissions of **inquiry** into the role of the private sector. The final analysis suggested three ...going to be there for as long as there is demand for it. So, therefore, our main **target** is to strengthen the public sector, at the same time ensuring that there is some kind of...

...to instigate some legislation that will govern the private medical aids. We have looked at the way **doctors** and **pharmacists** work, because we believe that the pre-existing modus operandi caused and still causes an escalation in...

...in the melting pot. We have a lot to do. Should the South African medical curriculum train **doctors** for cutting edge medicine? I feel passionate about this issue. South African training institutions should train South...

...I believe a greater part of the training should happen outside tertiary institutions, these institutions are for **specialist** training; our **doctors** should be able to work at the primary and secondary levels and training should happen in these...

...as were discriminated under apartheid, before on the grounds of colour

**researchers** were given an unprecedented audience with the Cabinet, allegedly when other internationally recognised South African **research** has been ignored. Mbeki engendered fierce criticism when he brokered peace after warring factions in the manufacturing company Cryopreservation Technologies threatened the project. The **researchers** have themselves taken other members of Cryopreservation Technologies to court concerned that the drug has been administered...

20/3,K/48 (Item 7 from file: 148)  
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09951887 SUPPLIER NUMBER: 20094428 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Starting up the upstarts. (venture capitalists' interest in managed care)**  
**(includes related articles on creative financing and neonatal care)**  
Greene, Jan  
Hospitals & Health Networks, v71, n24, p16(6)  
Dec 20, 1997  
ISSN: 1068-8838 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3060 LINE COUNT: 00249

... the same time."  
Because managing care requires so much information--clinical protocols, patient status reports, medical outcomes **research** --there's a massive unmet need for computer systems that can track and manipulate data. Health care...

...investing at a much lower rate than other industries. That's about to change, a circumstance that **lures** venture capitalists. Techies haven't begun to solve all of health care's information problems, but venture capital is **supporting** some interesting attempts. Acacia, for example, has a stake in a Minneapolis venture called Abaton.com, which has developed an intranet system for an **electronic patient record** that's simple and **doctor - friendly**.

Venture capitalists still have an eye on developing physician practice management companies, and they've increasingly zeroed...

20/3,K/49 (Item 8 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08694775 SUPPLIER NUMBER: 18274732 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Health care needs of gay men and lesbians in the United States. (American Medical Association Council on Scientific Affairs)**  
JAMA, The Journal of the American Medical Association, v275, n17, p1354(6)  
May 1, 1996  
ISSN: 0098-7484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8179 LINE COUNT: 00672

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...1993;5:11-24. (115.) Wilson H. Nitrite inhalant use by gay men in the USA. In: **Program** and abstracts of the Tenth International Conference on AIDS; August 7-12, 1994; Yokohama, Japan. Abstract PD...

...HJ, Williamson P, Pisaneschi JI, eds. AIDS and the Primary Care Provider: A Faculty Development Course for **Physicians** and Caregivers. New York, NY: American Foundation for AIDS **Research** ; 1989:193-208. (125.) Steinbrook R, Lo B, Moulton J, Saika G, Hollander H, Volberding PA. Preferences...

20/3,K/50 (Item 9 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08375341 SUPPLIER NUMBER: 17723168 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The disparity between public and private sector employee privacy protections: a call for legitimate privacy rights for private sector workers.**

Pincus, Laura B.; Trotter, Clayton  
American Business Law Journal, 33, n1, 51-89  
Fall, 1995

ISSN: 0002-7766 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 17868 LINE COUNT: 01457

... and Urban Development, 929 F.2d 81, 86-88 (2d Cir. 1991), the court held that payroll **records** of government contractors were exempt from disclosure requirements of the Act because disclosure would constitute a clearly...

...public employees because it would constitute an invasion of their privacy under the FOIA. See Federal Labor **Relations** Authority v. U.S. Dept. of Defense, Army and Air Force Exchange Service, 984 F.2d 370 (10th Cir. 1993); Federal Labor **Relations** Authority v. U.S. Dept. of Defense, 977 F.2d 545 (11th Cir. 1992) (court held that...

...Names and addresses were also considered to be beyond a FOIA request, particularly if coupled with personal **financial** information, in NARFE v. Horner, 879 F.2d 873, 875 (D.C. Cir. 1989) and Aronson v...

...S.C. (sections) 552a (1988). (127) Kaniuga-Golad, supra note 123, at 787. (128) The Privacy Protection **Study** Commission was established by the Act in order to evaluate the effectiveness of extending the requirements of ...

...files by the government or federal agency. 5 U.S.C. (sections) 552a (1988). (148) Privacy Protection **Study** Commission, supra note 80, at 231. (149) United States v. Westinghouse Elec. Corp., 638 F.2d 570, 576 (3d Cir. 1980). (150) Privacy Protection **Study** Commission, supra note 80, at 231. It has also been suggested that the Commission was under terrific...

...internal use by the employer is not subject to privacy rights of the employee because the employee **record** is considered employer property. Privacy Protection **Study** Commission, supra note 80, at app. 1, p. 21; Mordechai Mironi, The Confidentiality of Personnel **Records** : A Legal and Ethical View, 25 Lab. L.J. 270, 288-89 (1974); George Stevens, The **Publicity** Requirement and the Employee's Right to Privacy, 16 Am. Bus. L.J. 360, 365 (1979). See...

...Wyo. 1993) ("(R)etrenchment by the United States Supreme Court and the report of the Privacy Protection **Study** Commission have made it abundantly

clear that the right of privacy will be fully protected only if...

...431 N.E.2d 908, 914 (Mass. 1982). In addition, the former chairman of the Privacy Protection **Study** Commission, David Linowes, conducted a **study** which showed that, of the employers questioned, 64% do not have **programs** that provide employees privacy protection. In addition, 36% of the employers would not create such **programs** until required to do so by law. Dept. of Labor Hearings on Workplace Privacy, 44 Fed. Reg...

...have exhibited efforts at conformance. These firms include AT&T, Aetna Life & Casualty, Eastman Kodak, and Prudential **Insurance**. Alan Westin, What Should Be Done about Employee Privacy?, 25 Pers. Admin. 27, 30 (1980). See also 06 (1991). (156) Privacy Protection **Study** Commission, supra note 80, at 238-41. (157) Id. at 232. (158) Richard Ehlke, The Privacy Act...

...162) S. 1735, 103d Cong., 1st Sess. (1993). A similar bill was proposed in the House of **Representatives** by Illinois Rep. Cardiss Collins. H.R. 135, 103d Cong., 1st Sess. (1993). H.R. 135, however...

...private sector, while it also did not exclude trial application. Id. (sections) 6(b)(2). One additional **point** worth noting is that H.R. 135 stated that the "right to privacy is a personal and..."

...governmental organization established in 1990 with the objective of protecting personal privacy and monitoring surveillance by governments, **financial** institutions, intelligence agencies, media, political groups, police, and other organizations. (166) Simon Davies, The United States Privacy...

...1993 (S. 1735), Draft Discussion Paper, supra note 166. (168) Jonathan Graham, Note, Privacy, Computers and the **Commercial** Dissemination of Personal Information, 65 Tex. L. Rev. 1395 (1987). (169) Id. at 1422-23 n.146...

...omitted). (170) Privacy Act Amendments of 1991, supra note 155, at 3450. (171) Id. (172) Privacy Protection **Study** Commission, supra note 80, at 232. (173) Id. (174) 44 Fed. Reg. 57,537 (1979), 44 Fed...

...woefully inadequate." David H. Flaherty, Protecting Privacy in Surveillance Societies 382 (1989). See also Mark Rotenberg, In **Support** of A Data Protection Board in the United States, 8 Gov't Info. Q. 79 (1991); 137...

...Priscilla Regan, The Globalization of Privacy, 52 J. Econ. & Strategy 257, 266-67 (1993). (197) Privacy Protection **Study** Commission, supra note 80, at 14. The requirements and proscriptions of the Privacy Act were based on...

...articulated by an advisory committee to the Department of Health, Education and Welfare in a report entitled, " **Records** , Computers and The Rights of Citizens." The principles are as follows:

1. There must be no personal...

20/3,K/51 (Item 10 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08173544 SUPPLIER NUMBER: 17467047 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Changing physician performance: a systematic review of the effect of continuing medical education strategies.

Davis, David A.; Thomson, Mary Ann; Oxman, Andrew D.; Haynes, R. Brian

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20/3,K/52 (Item 11 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

07856587 SUPPLIER NUMBER: 16907960 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Cancer screening behaviors and attitudes of women in southeastern**

**Minnesota.**

Kottke, Thomas E.; Trapp, Mary Alice; Fores, Maria M.; Kelly, Ann W.; Jung, Sin-ho; Novotny, Paul J.; Panser, Laurel A.

JAMA, The Journal of the American Medical Association, v273, n14, p1099(7) April 12, 1995

ISSN: 0098-7484 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 5950 LINE COUNT: 00482

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20/3,K/53 (Item 12 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
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07852648 SUPPLIER NUMBER: 16719752 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Madison Avenue refugee. (Debra Dawson of Medical Support Systems**

**Inc.) (Company Profile)**

Doebele, Justin

Forbes, v155, n8, p91(2)

April 10, 1995

DOCUMENT TYPE: Company Profile ISSN: 0015-6914 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 921 LINE COUNT: 00083

TEXT:

IN 1990 Debra Dawson had a high- **profile** job as the account supervisor on the Unisys account at Young & Rubicam, the big New York-based **advertising** firm. At 39 she was also suffering through a case of midcareer burnout. "I thought I'd...

...So Dawson quit Madison Avenue and moved north to Cambridge, Mass. in search of a graduate school **program** in education or **communications**. She failed to find a school **program** that grabbed her, but she did meet a business opportunity she couldn't resist. A few weeks after landing in Cambridge, Dawson was lunching in a Harvard University dining room. A **friend** introduced her to Beardsley Ruml, a computer consultant who was running a small Cambridge-based publishing firm...

...d give it a shot for a year," says Dawson. But two years later her company, Medical **Support** Systems, Inc., was doing a small but profitable business publishing annual directories of **physician** practices and gastroenterological **research**. In early 1992 a **doctor friend** suggested a new business for Dawson to consider: keeping better **records** of **medical** conferences. Important papers and slides are presented at such conferences, yet few **records** are kept. Those that are tend to be transcripts of speeches, or perhaps an audio- or videotape...

20/3,K/54 (Item 13 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

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07587186 SUPPLIER NUMBER: 15925039 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**The National Health Service Corps experience for rural physicians in the late 1980s.**

Pathman, Donald E.; Konrad, Thomas R.; Ricketts, Thomas C., III

JAMA, The Journal of the American Medical Association, v272, n17, p1341(8)

Nov 2, 1994

ISSN: 0098-7484 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 7757 LINE COUNT: 00638

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20/3,K/55 (Item 14 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
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07545788 SUPPLIER NUMBER: 15761563 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
A better-quality alternative: single-payer national health system reform.

Schiff, Gordon D.; Bindman, Andrew B.; Brennan, Troyen A.  
 JAMA, The Journal of the American Medical Association, v272, n10, p803(6)  
 Sept 14, 1994  
 ISSN: 0098-7484 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
 WORD COUNT: 7075 LINE COUNT: 00615

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Health system reform: forward or backward with quality oversight...

20/3,K/56 (Item 15 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05921754 SUPPLIER NUMBER: 12724945 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Understanding needs and concerns of the elderly regarding Medicare health maintenance organizations.**  
Prasad, V. Kanti; Javalgi, Rajshekhar, G.  
Journal of Consumer Affairs, v26, n1, p47(22)  
Summer, 1992  
ISSN: 0022-0078 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 7605 LINE COUNT: 00629

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20/3,K/57 (Item 16 from file: 148)  
 DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05893011 SUPPLIER NUMBER: 12101641 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**United States physician payment reform: background and comparison with the Canadian model.**

Rakich, Jonathon S.; Becker, Edmund R.  
 Health Care Management Review, v17, n1, p9(11)  
 Wntr, 1992

ISSN: 0361-6274 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
 WORD COUNT: 8213 LINE COUNT: 00687

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20/3,K/58 (Item 17 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05105527 SUPPLIER NUMBER: 10390124 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Seattle owners hoping Portland Parent is wunderkind. (Northwest Parent Publishing)**  
Hogue, Kendra  
Business Journal-Portland, v7, n51, p16(1)  
Feb 18, 1991  
ISSN: 0742-6550 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 939 LINE COUNT: 00075

... wondering what the next six months to a year will hold," said Bilous.

Briefly noted

Moffatt/Rosenthal **Advertising** , the agency formed last month by three former Cole & Weber executives, has captured two new clients: Hollywood Video, a five-store video chain; and Oregon Scientific, a Beaverton-based **electronic** start-up . . . . Prideaux Sullivan Pattison Inc. **Advertising** /Public Relations has been named agency of record for Pacific Health & Life Insurance , the fifth largest health insurance carrier in the state . . . . Entries are due March 1 for the Portland **Advertising** Federation's annual Rosey Awards presentation on May 18 . . . . Bardsley & Neidhart Inc. has been chosen by the Oregon Tourism Division

to conduct a large-scale marketing **study** for the 150th anniversary of the Oregon Trail . . . . The Columbia River Economic Development Council (CREDC) has chosen...

**20/3,K/59 (Item 18 from file: 148)**  
 DIALOG(R) File 148:Gale Group Trade & Industry DB  
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03928138 SUPPLIER NUMBER: 07684597 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Is peer review coming of age? (column)**  
 Thorpe, James H.  
 Medical World News, v30, n11, p81(1)  
 June 12, 1989  
 DOCUMENT TYPE: column ISSN: 0025-763X LANGUAGE: ENGLISH  
 RECORD TYPE: FULLTEXT  
 WORD COUNT: 639 LINE COUNT: 00051

... is made of quality assurance or utilization review "facts of life" or of the importance of careful **record** keeping. By now, medical students are keenly aware of the fact that their learning resources are limited by cost containment; they need to know why it's happening. . The crucial contents of **doctors** ' progress notes aren't dealt with effectively during residency training. The Joint Commission on Accreditation of Healthcare...

...and the specter of malpractice, inadequate and illegible documentation continue to cause review problems. . Responses to government **inquiries** and oversight need to be timely and to the **point** , not rambling, heated, defensive, or accusatory. The screening criteria used to find problems are the best the...

...I don't know--but I know who does." All practitioners should be ready to call for **support** and **assistance** whenever clinical problems arise. These situations should be shared with fellow professionals and consultants, to the benefit of all concerned. . **Doctors** of all ages and disciplines must get involved with quality assurance and utilization management in their own ...

...apply for positions on boards and committees in their state PROs, so that policy-making and government **relations** represent the front lines of patient care.

Attention to these details can provide insightful education about practice...

**20/3,K/60 (Item 1 from file: 149)**  
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01841753 SUPPLIER NUMBER: 54771936 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Assessing the Quality of Diabetes Care in Fourteen Health Systems, Washington State, 1997: The Washington Diabetes Outcomes Measurement Project. (Abstract)**  
 NORMAN, JAN; SUGARMAN, JONATHAN R.; KESSLER, LADON D.; PRESLEY, RODNEY J.; BEYER, CARLA S.; HAYES, MAXINE  
 Diabetes, 48, 5, SA421  
 May, 1999  
 DOCUMENT TYPE: Abstract PUBLICATION FORMAT: Magazine/Journal; Refereed  
 ISSN: 0012-1797 LANGUAGE: English RECORD TYPE: Fulltext  
 TARGET AUDIENCE: Professional  
 WORD COUNT: 386 LINE COUNT: 00037

## TEXT:

...multiple stakeholders. In Phase I of the project (1996-1997), The Washington Department of Health Diabetes Control **Program** established a workgroup of **representatives** from public and private health plans, and private and voluntary organizations. A core set of measures of...

...incorporated in the Diabetes Quality Improvement Project (DQIP). In Phase II, we enrolled fourteen health systems including **commercial** managed care and fee-for-service plans, **Medicare** risk plans, **Medicaid** plans, the Department of Veterans Affairs, and the Department of Defense to participate in an assessment of...

...use, functional status, maintenance of daily activities, and visits to providers. Data were assessed through analysis of **electronic files**, review of **medical records**, and mail and telephone **surveys**. 3045 **medical records** were reviewed, and 3457 **surveys** were completed (response rate 58.6%). In 1998, each health system was sent its plan-specific data. Strengths of the process included development of collaborative **relationships** among stakeholders, similar data collection and analysis with rigorous quality control across all settings, administrative efficiencies realized...

...facilitate collaboration in diabetes care among otherwise competing entities, to gain the attention of legislators, and to **assist** in longitudinal surveillance.

20/3,K/61 (Item 2 from file: 149)  
DIALOG(R)File 149:TGG Health&Wellness DB(SM)  
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01659610 SUPPLIER NUMBER: 18951003 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The role of ambulatory care information systems in supporting the provision of holistic care for persons infected with the human immunodeficiency virus.**  
Henry, Suzanne Bakken; Costantino, Mori  
Holistic Nursing Practice, v11, n1, p39(9)  
Oct,  
1996  
PUBLICATION FORMAT: Magazine/Journal ISSN: 0887-9311 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Professional  
WORD COUNT: 4290 LINE COUNT: 00368

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01612840 SUPPLIER NUMBER: 17773584 (USE FORMAT 7 OR 9 FOR FULL TEXT)

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Population Reports, v23, n2, p28(4)

August,

1995

DOCUMENT TYPE: Bibliography PUBLICATION FORMAT: Magazine/Journal ISSN:

0145-9643 LANGUAGE: English RECORD TYPE: Fulltext TARGET AUDIENCE:

Professional

WORD COUNT: 11095 LINE COUNT: 00962

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20/3,K/65 (Item 6 from file: 149)  
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01609647 SUPPLIER NUMBER: 17931142 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Once again, reality: now where do we go?(Dying Well in the Hospital: The Lessons of SUPPORT) (Study to Understand Prognosis and Preferences for Outcomes and Risks of Treatment)  
Callahan, Daniel  
The Hastings Center Report, v25, n6, pS33(4)  
Nov-Dec, 1995  
PUBLICATION FORMAT: Magazine/Journal ISSN: 0093-0334 LANGUAGE: English  
RECORD TYPE: Fulltext TARGET AUDIENCE: Professional  
WORD COUNT: 3911 LINE COUNT: 00311

... about, the messages are many and mixed these days.  
Perhaps because of the general confusion, various other **studies** attempting to assess the impact of advance directives, or improved doctor-patient communication, or the availability of prognosis information, have themselves produced mixed results. Some seem to show that neither advance directives nor efforts at improved communication make much difference. One

**study** found little evidence that [advance directives] are associated with enhanced communication"[1] while another concluded that such...  
...the presence of the written advance directive in the medical record did not facilitate consistency."[3] The **SUPPORT study** seems to join that unhappy company. Fortunately for the faint of heart, other **studies point** in a more positive direction. A set of three papers in the Archives of Internal Medicine showed a number of successful efforts to foster a greater use of advance directives, more effective **doctor** -patient discussions, and a greater meeting of minds on end-of-life decisions.[4] A **study** of the **relationship** between advance directives, patient discussion, and costs of care concluded that "an enormous cost savings to society..."

20/3,K/66 (Item 7 from file: 149)  
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01605597 SUPPLIER NUMBER: 17506994 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Has general practitioner computing made a difference to patient care? A systematic review of published reports.**  
Sullivan, Frank; Mitchell, Elizabeth  
British Medical Journal, v311, n7009, p848(5)  
Sept 30,  
1995  
PUBLICATION FORMAT: Magazine/Journal ISSN: 0959-8146 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Professional  
WORD COUNT: 3602 LINE COUNT: 00309

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[1] Department of Health. Computerisation in GP practices, 1993  
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20/3,K/67 (Item 8 from file: 149)  
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01602740 SUPPLIER NUMBER: 17463461 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**New governance for a new era: issues and challenges for integrating systems. (part 2)**  
Ruffin, Marshall  
Physician Executive, v21, n9, p42(4)  
Sept,  
1995  
PUBLICATION FORMAT: Magazine/Journal ISSN: 0898-2759 LANGUAGE: English  
RECORD TYPE: Fulltext TARGET AUDIENCE: Professional  
WORD COUNT: 3294 LINE COUNT: 00277

... IDSs, will acquire two computer-based patient record technologies - one for on-line transaction processing (OLTP) of **physicians** ' orders and laboratory results, scheduling, and medical records maintenance, and the other for on-line analytical processing (OLAP), with a data model and software tools meant to make retrospective health'services and clinical **research** as efficient and comprehensive as possible. The OLTP system uses a normalized **relational** database designed for rapid (1-2 second) response times for every change of screen for hundreds, if not thousands, of simultaneous users. The OLAP system uses a denormalized **relational** database of **relatively** few **relational** tables and software designed to make iterative, **ad** hoc data analysis efficient from users' **point** of view. The OLAP system is designed to **support** epidemiology and public health **studies**, which, in turn, form the intellectual buttress of continuous clinical quality improvement **studies**.

As information flows, so goes the organization. If information does

not flow smoothly from the central part...

20/3,K/68 (Item 9 from file: 149)  
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01490983 SUPPLIER NUMBER: 15769905 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The importance of physician communication on breast cancer screening of older women.**  
Fox, Sarah A.; Siu, Albert L.; Stein, Judith A.  
Archives of Internal Medicine, v154, n18, p2058(11)  
Sept 26,  
1994  
PUBLICATION FORMAT: Magazine/Journal ISSN: 0003-9926 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Professional  
WORD COUNT: 6141 LINE COUNT: 00504

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80:1386-1388. [41.] US Dept Health & Human Services, Public Health  
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From the Departments of Medicine (Drs Fox...

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01475242 SUPPLIER NUMBER: 14873436 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Green fluorescent protein as a marker for gene expression.**  
Chalfie, Martin; Tu, Guan; Euskirchen, Ghia; Ward, William W.; Prasher,  
Douglas C.  
Science, v263, n5148, p802(4)  
Feb 11,  
1994  
PUBLICATION FORMAT: Magazine/Journal ISSN: 0036-8075 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Academic  
WORD COUNT: 3387 LINE COUNT: 00267

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(1980). [5.] F.G. Prendergast, personal **communications** . [6.] O.  
Shimomura, FEBS Lett. 104,220 (1979). [7.] C. W. ...precipitation) on an  
Applied Biosystems DNA Sequencer 370A at the DNA sequencing facility at  
Columbia College of **Physicians** and Surgeons. The sequence of the cDNA in  
pGFP10.1 differs from the published sequence by a...

...sequence from CAG to CGG, a change that replaces a glutamine residue  
with arginine. [R. Heim, S. **Emr** , and R. Tsien (personal **communication** )  
first alerted us to possible sequence change in this clone and  
independently noted the same change.] This...

...have heard that although similar PCR fragments produce a fluorescent  
product in other organisms (R. Heim, S. **Emr** , R. Tsien, personal  
**communication** ; S. Wang and T. Hazelrigg, personal **communication** ; L.  
Lanini and F. McKeon, personal **communication** (23), the Eco R1 fragment  
does not (R. Heim, S. **Emr** , R. Tsien, personal **communication** ; A. Coxon,  
J.R. Chaillet, T. Bestor, personal **communication** ). These results may  
indicate that elements at the 5' end of the sequence or at the start...

...protein was fluorescent after glutaraldehyde fixation (W. W. Ward,  
unpublished data). S. Wang and T. Hazelrigg (personal **communication** ) (23)  
have found that GFP fusion proteins in *Drosophila melanogaster* are  
fluorescent after formaldehyde fixation. We have...

...were measured from 410 to 600 nm with a fixed excitation of 395 nm. All  
spectra were **recorded** as signal-reference data (where the reference is a  
direct measurement of the lamp intensity with a...Eco R1 fragment that was  
ligated into plasmid pPD 16.51 (12,27), a vector containing the **promoter**  
of the *C. elegans* *mec-7* gene. Wild-type *C. elegans* were transformed by  
coinjecting this DNA...

...described [C. M. Mello, J. M. Kramer, D. Stinchcomb, V. Ambros, EMBO J.  
10, 3959 (1991)]. A **relatively** stable line was isolated (TU1710), and the  
DNA it carried was integrated as described by Mitani et...

...However, when cells in *C. elegans* have been photobleached, some recovery  
is seen within 10 min. Further **investigation** is needed to determine  
whether this recovery represents de novo synthesis of GFP. Rapid  
photobleaching (complete within...

...animal. These data on GFP fluorescence within E. coli and C. elegans are in contrast to preliminary **studies** that suggest that the isolated native and E. coli proteins are very photostable. We do not know<sup>23</sup>] R. Heim S. **Emr**, and R. Tsien (personal **communication**) have found that GFP expression in Saccharomyces cerevisiae can make the cells strongly fluorescent without causing toxicity. S. Wang and T. Hazelrigg (personal **communication**) have found that both COOH-terminal and [NH.sub.2-] terminal protein fusions with GFP are fluorescent in D. melanogaster. L. Lanini and F. McKeon (personal **communication**) have expressed a GFP protein fusion in mammalian (COS) cells. [24.] We have generated several other plasmid construction that may be useful to **investigators**. These include a pBluescript II KS (+) derivative (TU#65) containing a Kpn I-Eco RI fragment encoding...

...Marine Biological Laboratories at Woods Hole for help with microscopy, to M. Cutler and R. Ludescher for **assistance** in obtaining the excitation and emission spectra to A. Fire for suggestion on vector construction and for the colleagues listed in (8) and (23) for permission to cite their unpublished **research**. **Supported** by NIH grant GM31997 and a McKnight Development **Award** to M.C. and by American Cancer Society grant NP640 to D.C.P.

20/3,K/70 (Item 11 from file: 149)  
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01437283 SUPPLIER NUMBER: 15572418 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**An evaluation of pediatric-modified diagnosis-related groups. (Hospital Payment: Beyond the Prospective Payment System)**  
Payne, Susan M.C.; Schwartz, Rachel M.  
Health Care Financing Review, v15, n2, p51(20)  
Winter,  
1993  
PUBLICATION FORMAT: Magazine/Journal ISSN: 0195-8631 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Professional  
WORD COUNT: 7480 LINE COUNT: 00639

... been evaluated. (7) This section draws heavily on Lichtig et al., 1989.

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Unpublished. Chicago, 1986. American Hospital Association: AHA Hospital Marketbasket; Economic Trends. Chicago, Spring 1987-88...

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Reprint requests: Susan M.C. Payne...

20/3,K/71 (Item 12 from file: 149)  
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01433783 SUPPLIER NUMBER: 14665056 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Smart cards, smarter policy: medical records, privacy, and health care reform.**

Alpert, Sherri  
The Hastings Center Report, v23, n6, p13(11)  
Nov-Dec,  
1993

PUBLICATION FORMAT: Magazine/Journal ISSN: 0093-0334 LANGUAGE: English  
 RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Professional  
 WORD COUNT: 9637 LINE COUNT: 00830

... an amended version introduced in both Houses as H.R. 5464 and S. 2878, "The Medical and **Insurance** Information Reform Act of 1992") and four legislative proposals: S. 1227, "HealthAmerica: Affordable Health Care for All...

...Universal Health Care Act of 1991," introduced by Representative Russo (D-Ill.); H.R. 3205, "The Health **Insurance** Coverage and Cost Containment Act of 1991 " introduced by Representative Rostenkowski (D-Ill.); and H.R. 5936...press conference, the candidate said that she hoped the incident would be the subject of a criminal **investigation** . However, unless the hospital records were obtained from a computerized system, it is probable that no crime...

...personal or medical information a crime, but only under legislation dealing with computer crime, thus protecting only **electronic** , not paper, records. [7.] The cards are technically capable of storing information on an array of subjects such as **finance** , government benefits, credit transactions, etc. Most card schemes currently limit themselves to a single area of the...

...however, in the context of health care reform, there have been discussions of including at least some **financial** record information on the cards as well. [8.] Smart Card Technology: New Methods for Computer Access Control...

...on a mass scale. How much of this loss was due to company mismanagement has been under **investigation** . See Thomas Heath, "The Card That Fizzled," Washington Post, 28 August 1992. [11.] Robert M. Gellman, "Prescribing Privacy: The Uncertain Role of the **Physician** in the Protection of Patient Privacy," North Carolina Law Review 62, no. 2 (1984): 258. [12.] Workgroup for **Electronic** Data Interchange, Report," p. 3. [13.] Testimony of Evan Hendricks, editor and publisher of Privacy Times, before the Senate **Finance** Committee, Subcommittee on Social Security and Family, 28 February 1992, p. 7. The Social Security Administration recently...

...by more than one person. (Letter to Dr. Elmer Gabrieli from Andrew J. Young, Deputy Commissioner for **Programs** , Social Security Administration, 17 May 1993, p. 3). [14.] What makes this situation particularly intriguing is the...

...about eighteen states, patients do not have a statutory right to see what is in their own **medical records** . [15.] Mubarak Dahir, "Your Health, Your Privacy, Your Boss," Philadelphia City Paper 28 May-4 June 1993...

...U.S. Congress, Office of Technology Assessment, Medical Monitoring and Screening in the Workplace: Results of a **Survey** --Background Paper (Washington, D.C.: Government Printing Office, October 1991). [18.] Michael W. Miller, "Patients' Records Are...

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...g., lifestyle information) in MIB files will be sent directly to the consumer. In some cases, decoded **medical information** will only be sent to a **physician** designated by the consumer. [27.] Jeffrey Rothfeder, Privacy for Sale (New York: Simon & Schuster, 1992), p. 180. [28.] Simon

Davies, "The Technological Web: A Report to the Australian **Doctors** ' Fund on the Proposed Introduction of Smart Card and Interactive Technology in the Australian Health System," 20...

...1992, p. 15. Because Australia has a universal health care system (that can be supplemented with private **insurance** ), its overall administrative overhead costs start out lower than in the U.S. In comparison, therefore, the...

...may not be capable of controlling access to information. [31.] Randall Oates, "Confidentiality and Privacy from the **Physician** Perspective," presented at the First Annual Confidentiality Symposium of the American **Health Information** Management Association, 15 July 1992, p. 4. [32.] Anita Allen, Uneasy Access (Totowa, N.J.: Rowman and...the Limits of the Law, " p. 349. [39.] Vincent Brannigan and Bernd Beier, "Standards for Privacy in **Medical Information** Systems: A Technico-legal Revolution," Datenschutz und Datensicherung, September 1991, p. 470. [40.] George Annas, The Rights...

...M. Brannigan, "Protecting the Privacy of Patient Information in Clinical Networks," in Extended Clinical Consulting by Hospital **Computer Networks** , vol. 670 of the Annals of the New York Academy of Sciences, 1992, pp. 190-201. [42...

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...feels about personal and consumer privacy issues, Lou Harris and Associates and Dr. Alan Westin conducted a **poll** on the subject in 1990. Nearly four out of five Americans expressed general concern about threats to...

...Equifax Report on Consumers in the Information Age" [Atlanta: Equifax, Inc., 1990], p. vii). [52.] Workgroup for **Electronic** Data Interchange, Report, p. 17. [53.] David H. Flaherty, Protecting Privacy in Surveillance Societies (Chapel Hill: University of North Carolina Press, 1989), p. 8. [54.] Alan F. Westin, Computers, **Health Records** , and Citizen's Rights (Washington, D.C.: United States Department of Commerce, 1976), p. 60. [55.] The "Uniform **Health - Care Information** Act," written in 1985 by the National Conference of Commissioners on Uniform State Laws, provides a good foundation for **medical record** protection. To date, only Montana and Washington have enacted this legislation. This law protects the confidentiality of **medical information** between **care** provider and patient, and balances the needs of the **medical** community for **information** with the patient's need to preserve his or her privacy. In fact, a 1991 report by the Institute of Medicine on computer-based patient **records** cited the Uniform **Health - Care Information** Act as a good example of the type of legislation needed before any consideration is given to a nationwide scheme of computerized patient **records** . The Computer-Based Patient **Record** (Washington, D.C.: National Academy Press, 1991), p. 166, fn. 43.

20/3,K/72 (Item 13 from file: 149)  
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01374326 SUPPLIER NUMBER: 12940720 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The computer-based medical record: current status.**  
Ornstein, Steven M.; Oates, Randall B.; Fox, Gary N.

Journal of Family Practice, v35, n5, p556(10)

Nov,  
1992

PUBLICATION FORMAT: Magazine/Journal ISSN: 0094-3509 LANGUAGE: English  
RECORD TYPE: Fulltext TARGET AUDIENCE: Professional  
WORD COUNT: 6868 LINE COUNT: 00570

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20/3,K/73 (Item 14 from file: 149)  
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01206036 SUPPLIER NUMBER: 08844731

**The National Cancer Institute's invitation to dental professionals in smoking cessation. (Supplement: First National Dental Symposium on Smoking Cessation: Helping Dental Patients to Quit Smoking)**

Mecklenburg, Robert E.

Journal of the American Dental Association, v120, n1, p40S(2)

Jan,  
1990

PUBLICATION FORMAT: Magazine/Journal ISSN: 0002-8177 LANGUAGE: English  
RECORD TYPE: Abstract TARGET AUDIENCE: Professional

...ABSTRACT: goal of a 50 percent reduction in the national cancer rate by the year 2000, and the **promotion** of smoking-cessation **programs** plays a large part in working toward this goal. Cigarette smoking is judged to be responsible for 30 percent of all cancer deaths. The dental team is an effective **agent** for encouraging smoking cessation. Over two million people in 11 communities have been **targeted** by NCI for the Community Intervention Trial for Smoking Cessation (COMMIT), a **program** offering help from 1989 to 1993. This **program** will be followed by the American Stop Smoking Intervention **Study** ( **ASSIST** ). Heavy smokers (25 or more cigarettes per day) are particular **targets** . **Physicians** and dentists are to develop clinics in conjunction with local media **representatives** , school, and workplace personnel. One obstacle is the **relative** lack of knowledge among professionals about the hazards of smoking. The American Dental Association (ADA) is strongly **promoting** education about this issue and an NCI **ad hoc** oral health committee has been established. Under its auspices, dental trainers are being selected to educate dentists and staff about approaches they could use, with the **assistance** of the ADA. Dental **communication** networks have been activated about the issue. The way is wide open for dental personnel to become involved in the campaign for smoking cessation. (Consumer Summary produced by Reliance **Medical Information** , Inc.)

# Search report

S1 224511 (MEDICINE? OR MEDICAL OR HEALTH OR TREATMENT OR THERAPY OR  
THERAPIES OR CARE) (2N) (RECORD? OR DOCUMENT? OR FILE? OR REPORT?  
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S8 10272666 INCENTIVE? OR INDUCEMENT? OR ENCOURAGEMENT? OR LURE? OR BONUS  
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S9 1672303 TELEMEDICINE OR (LONG ( ) DISTANCE OR REMOTE) ( ) MEDICINE OR TELE-  
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S10 38 S1 (S) S2 (S) S3 (S) S4 (S) S5 (S) S6 (S) S7 (S) S8 (S) S9

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S14 86 S11 (10N) S3 (10N) S4 (10N) S5 (10N) S6 (10N) S7 (10N) S8

S15 122 S10 OR S14

S16 107 RD (unique items)

S17 65 S16 NOT PY>2000

S18 51 S17 NOT PD>20000324

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DIALOG(R)File 635:Business Dateline(R)  
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0703545 96-60925

**Two AZ firms honored for health technology**

Rolwing, Rebecca

Business Journal-Phoenix & the Valley of the Sun (Phoenix, AZ, US), V16 N27  
p22

PUBL DATE: 960510

WORD COUNT: 486

DATELINE: Scottsdale, AZ, US, Mountain

**TEXT:**

...may improve pharmaceutical service, qualified Scottsdale-based Prescription Card Service as a finalist in the Computerworld Smithsonian Awards .

The Muscular Dystrophy Association in Tucson was recognized for its on-line forum that keeps patients current on **research** and offers advice from **doctors** and scientists.

PCS was recognized for its on-line( management and **record** keeping of 1.5 billion pharmaceutical prescriptions. This process provided lower costs to customers , increased user satisfaction and **supported** analysis of drug effectiveness, according to CWSA.

This technology was the "first nationwide **electronic health - care information** network," said Blair Jackson, PCS vice president of public **relations** .

The service allows **pharmacists** to communicate with PCS via computer to determine a patient's eligibility and fees.

Now PCS is bringing this same technology into the **doctors** ' offices, Jackson said. **Physicians** will be able to write prescriptions and immediately send them to the patient's pharmacy of choice...

18/3,K/2 (Item 2 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0682600 96-39819

**New HMOs bring competition to the forefront of health care**

Le Beau, Christina

Rochester Business Journal (Rochester, NY, US), V11 N47 p1

PUBL DATE: 960308

WORD COUNT: 1,222

DATELINE: Rochester, NY, US, Middle Atlantic

**TEXT:**

...them was better.

But owning them was the best.

Just as Frontier Corp. did with the local **telecommunications** market, Blue Cross and Blue Shield of the Rochester Area decided the best way to deal with...

...asked by the hospitals to participate--will be eligible.

While Eastman Kodak Co. has been a vocal **advocate** for clamping down on local health care costs--and is said to have been the catalyst for...

...get out in front of it and go after utilization so Rochester is not attractive as a **target**," said Strong Memorial Hospital CEO Leo Brideau.

The new HMOs introduce not only all-out competition, but...

...But these new HMOs will apply to a much larger potential patient population.

The path to this **point** has been short--picking up barely before the start of this year--but hurried. Kodak is expected...

...companywide low-cost plan, something Preferred Care accommodated and Blue Choice did not.

"We resisted providing that **information**, and Preferred **Care** did not, and Kodak ended up with a low-risk plan," Klein said. Kodak last year chose...

...about the performance and cost-efficiency of Rochester's health care system. So Blue Cross conducted some **studies** of its own. The results, Klein said, "suggested that the Rochester model was vulnerable."

Kodak, in the...will mean duplication of services, and the pitting of primary-care providers against specialists.

"There's a **financial** model they want to achieve," said ophthalmologist Dennis Asselin M.D., who expressed concern about **patient** choice and physician representation on governing boards, "and they're working backwards to make the model fit the **financial** (goal)."

Brideau noted, however, that between the Strong and GRHS products, most of the area's doctors...

...likely will create higher-option plans to compete with Blue Choice. Similarly, Blue Choice and its partner **physician** group--the Rochester Community **Individual** Practice Association--likely will use internal cost cutting and utilization control to be able to compete at...

...family practitioner and RCIPA's co-medical director, said though RCIPA is committed to maintaining an open **physician** panel, it is confident it will be able to compete effectively against the new HMOs.

And he...

18/3,K/3 (Item 3 from file: 635)  
DIALOG(R) File 635:Business Dateline(R)  
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0682498 96-39716

**Managing with managed care**

Anonymous

Mercer Business (Trenton, NJ, US), V72 N3 p12

PUBL DATE: 960300

WORD COUNT: 3,947

DATELINE: Princeton, NJ, US, Middle Atlantic



TEXT:

...not renewed, the HMO's members must follow, regardless of their preferences. As a result, HMO members' **relationships** with providers change, while providers may lose patient volumes on which their budgets are based. Characterizing these...access to Penn's nationally acclaimed cancer care, while physicians benefit by learning from the latest university **research**, technology and treatment. To bring this expertise into a community hospital makes it convenient for patients in...a group, CHI hospitals will be able to receive group discounts on purchased services and technology, share **research** and information technology, establish uniform personnel standards and policies and negotiate for managed care contracts and favorable...

...is driven by those who pay the bills--employers, health insurance companies, Medicare and Medicaid. Because these **third party** payers are the buyers of health care, their influence is enormous, reverberating through every healthcare institution in...

...a less expensive setting, for this level of care.

\* People considering a nursing home for an elderly **family member** may find that adult day care--much less costly than a nursing home--will fill their needs. They can enroll their **family member** at Maurice T. Perilli Adult Day Care Center or Hamilton Adult Day Center.

RWJ Health Care Corp...the patient Service Assistant (PSA). This healthcare provider performs a variety of tasks including light housekeeping and **assisting** patients with non-clinical personal needs. This frees up nursing personnel to focus entirely on the patient...

...New information technologies simplify many procedures, saving time, effort and dollars. The Lanier dictation system in the **Medical Records** Department speeds up the process of physician dictation, saving time for physicians and transcriptionists, and reducing the...

...care. And that's the most important bottom line of all--the best possible care for every **patient**.

Helene Fuld Medical Center

Certainly, when you ask anyone close to the healthcare industry how to contain...

...we have watched the healthcare horizon and have developed programs and services, that in the future, will **support** both our outpatient and inpatient populations," Shimp said. "Many other providers have given up on the inpatient..."

...Helene Fuld has successfully developed an exceptionally strong primary care network located throughout Mercer and Middlesex counties.

**Physicians** with expertise in family practice, internal medicine, pediatrics, obstetrics/gynecology as well as midwives, have established their...

...which is committed to the education of our future medical professionals, has implemented a family practice residency **program**.

The Family Health Center, which makes its home in Plainsboro, serves as a primary care office and...

...one-stop" location for their occupational health and worker injury

needs.

By scheduling frequent visits with the **patient** , working closely with the company's Human Resources Department, and prescribing early physical and occupational therapy, The...

...Jersey dedicated the Trenton Health Care Center -- Downtown. The 6,500 square-foot facility is the largest **privately** -developed primary care center in the city of Trenton.

Completing the triangle, Helene Fuld has recently partnered with the Henry J. Austin Health Center. The principle components of the **relationship** include incorporating a rotation of family practice residents at Austin which allows the center to expand its...

...on a project to reduce teen pregnancy within the Capital City.

"Completing our primary care circle of **friends** , Helene Fuld has established a strong partnership with Familyborn of Princeton, the leader in midwifery care in...

...provide efficient and compassionate care, they bring a progressive and creative spirit which helps keep our maternity **program** as a clinical leader," he said.

18/3,K/4 (Item 4 from file: 635)  
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0681087 96-38297

**Schools benefit from health care biz classes**

Moore, Anne

Crains Chicago Business (Chicago, IL, US), V19 N11 pSR1

PUBL DATE: 960311

WORD COUNT: 775

DATELINE: Chicago, IL, US, North Central

**TEXT:**

...apply the functional areas of the MBA program to the health care industry." Courses include marketing of **health care services** and collecting and interpreting the wealth of **health care information** available from government and **private** databases nation wide--an area of particular importance to managed care companies looking to cut costs.

Directors...

...industry is headed. Other courses may cover ethical and legal issues particular to health care, health systems **financing** , health policy and economics.

"We look at how other countries deliver care, and how our system compares...

...Keller's Chicago Loop Center; Keller's program is in its first year. "Or the distribution of **physicians** : Is there maldistribution? Our aim is to **study** the forces in the industry so our students gain a broad-based understanding."

"Hospitals are not tire...

...your salesforce to go out and sell 1,000 gallbladder operations. The special courses in health care **finance** or community health or **physician relations** would be of no interest to other MBA students."

That's not to say skills picked up...

...school to take health care courses, recruiters say.

"Marketing people in a hospital used to handle public **relations**. Now I have clients saying 'I need analytic business people who know how to **target** a consumer,'" says Susan Rosenstein, whose eponymous search firm in Chicago specializes in the placement of marketing executives. She **points** to Ingalls Hospital in Harvey and McNeil Hospital in Berwyn as hospitals that have hired package-goods executives to market hospital services.

Stephanie Schwab, director of UICs MBA **program**, has seen more health care students concentrating on **health information** management--now 6% of the student body, up from 1% a few years ago. The health administration...

18/3,K/5 (Item 5 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0680936 96-38146

**Companies to watch**

Capuzzi, Joan P; Baren, Susan  
Business Philadelphia (Philadelphia, PA, US), V7 N3 p39  
PUBL DATE: 960300  
WORD COUNT: 5,116  
DATELINE: PA, US, Middle Atlantic

**TEXT:**

...of 17-year-old MRJ's \$80 million in revenues.

Serving the healthcare, pharmaceutical, financial services and **telecommunications** industries, MRJ enterprise systems division's biggest problem is keeping up with its 100 percent annual growth...717/396-1201

e-mail: eamhs(at)aol.com

President: Joseph E. Besecker

You've got a **friend** in Pennsylvania. So, at least, says Emerald Asset Management. Emerald believes so strongly in Pennsylvania businesses that... growth. But its big push in the past few years has been corporate wellness.

Creative Energy Options **customizes** employee-training **programs** for corporate clients like pharmaceutical Astra Merck and Reuters **Health Information** Systems. At its retreat centers in the Poconos and Santa Fe, New Mexico, it implements communications exercises...seven independent contractors, PMI handled 60 meetings and reported \$3 million in gross sales.

PMI brings together **physicians** and scientists from throughout the nation and around the world. It plans clinical investigation meetings at which...

...medications; post-study meetings at which data is shared before submission to regulatory agencies and symposia on **research** and

development issues.

"The overall aspects of meeting-planning don't vary from industry to industry," says Colabelli, "but understanding the drug-development process, therapeutic areas and **physicians** ' needs and schedules helps **support** our clients and gets their **programs** accomplished efficiently, sensitively and in a timely manner."

"And there's a certain comfort level that has...

...to take more responsibility overall in setting up their meetings."

The two women developed a professional and **personal friendship** during the seven years they worked together in the worldwide medical affairs department of SmithKline Beckman (now...

...We started with a preliminary business plan--mostly, it was an idea," says Colabelli. "We had our **finances** in place--we used our own money--and there was no inventory.

"So the risk was leaving...

...if we didn't succeed as a business, we were both marketable and could go back into **private** industry."

Now they are looking to the future, making plans to market themselves and hoping to continue...

18/3,K/6 (Item 1 from file: 442)  
DIALOG(R)File 442:AMA Journals  
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00104346  
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# **Antibiotic Optimization An Evaluation of Patient Safety and Economic Outcomes** (ARTICLE)

FRASER, GILLES L.; STOGSDILL, PATRICIA; DICKENS, JOHN D.; WENNBERG, DAVID E.; SMITH, ROBERT P.; PRATO, B. STEPHEN  
Archives of Internal Medicine  
Aug 11/25,, 1997; Original: tzi1689  
LINE COUNT: 00524

... antibiotic-prescribing behaviors have been flawed because of the use of historical controls or a before-after **study** method./7,12,15,28/ These methods cannot control for the almost certain changes in patient mix...of our suggestionswere accepted by the treating physicians. Our intervention, the placement of a suggestion in the **medical record** , actually representeda blend of 3 strategies; it was initiated by opinion leaders in infectious disease, it offered...

... specific educational materials, and it functioned as a reminder at the time of antibiotic assessment. Available data **support** the use of such a multifaceted approach to successfully alter physician behavior./31-36/ We believe that the success of the **program** was due to our focus on updating and expanding infectious disease knowledge, local resistance patterns, cost issues...

... gave credibility to our effort. Suggestions were offered in a

noncoercive fashion and were removed from the **medical record** within 24 hours. Although some effectiveness may have been lost by the absence of direct **physician** contact, avoidance of the hassle factor, unsolicited **medical record documentation**, and potentially intrusive telephone calls probably contributed to **physician** acceptance./31/ Widespread use of personal computers may allow for e-mail to become the **communication** pathway of choice in the future.

Our ability to diminish antibiotic expenditures was in large part related to...

...payers who no longer insist on intravenous antibiotic therapy to justify hospitalization./43/

Several limitations of this **study** should be considered. The nonblock method of randomization we used in this study did not equally distribute...

18/3,K/7 (Item 2 from file: 442)  
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**Medical Information** (BOOKS, JOURNALS, SOFTWARE)

MEYER, HARRIET S.  
JAMA, The Journal of the American Medical Association  
May 18, 1994; 19: p1545  
LINE COUNT: 00092

...calls for can't get started too soon.

More optimistic, briefer, legally oriented, and costlier is **Electronic Health Care Information**, a separately available chapter of a law monograph. Its attorney-author cites relevant statutes and caselaw on the legal issues of computerized **medical information**. He asserts that computers are vastly superior to paper **record** systems and that the potential privacy problems of the smart health card and **on-line** databases are amenable to creative technologic and legal safeguards: 'computers have just as much capacity to promote...

... and television, initial alarm will cede to laws based on careful study of computer technology. Requirements for certain **records** to be in writing--'quill pen laws'--are an increasingly antiquated means of ensuring **medical record** validity, and for computer systems, passwords and the like will afford equal or improved security. The author gives another...

... is not a prerequisite for continued development of computerized health data. The review largely deals with patient **medical records** and only **briefly** mentions **medical** orders, which would pose special problems. The pamphlet should be a useful starting point for anyone interested in protection of electronic health data, particularly the legal context. Harriet S. Meyer, MD

AMA Book Source--a benefit of membership: (800) 451-2262  
Books Received

18/3,K/8 (Item 3 from file: 442)  
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00052673

**Barriers to Medical Care for Homeless Families Compared With Housed Poor Families (Article)**

Wood, David, MD, MPH, Valdez, R. Burciaga, PhD, MHSA  
American Journal of Diseases of Children  
1991; 145: 1109 (7)

...and serious emotional and behavior problems. /10,14/ Despite these needs for health and social services, preliminary **studies** in Boston, Mass, and New York, NY, indicate that homeless families and children do not have adequate...

... as major impediments that prevent homeless children from receiving health and social services. /15,18/ However, no **studies** to date have indicated whether these barriers affect homeless families and poor domiciled families differently. Understanding the similarities and differences in access barriers experienced by domiciled and nondomiciled families provides the basis for **program** modifications necessary to improve our "safety net." To **document** the **health** and social needs of homeless children and the access of their families to health and social services, we **surveyed** 194 homeless families in shelters and 196 poor, stably housed families. In previous publications we presented our...

...health status /10/ for homeless and housed poor families. In this report we compare their access to **health care services** and **document** barriers experienced by these families in seeking health and social services for their children. **SUBJECTS AND METHODS** Homeless families composed of at least one female parent and minor child (n=194) and...

... observed in the age or ethnicity of the mothers who refused compared with the respondents. Interview and **Questionnaire** A structured interview focusing on a single child per family was conducted with the mother by a trained interviewer. The interview lasted approximately 45 minutes. Interviews were conducted in **private** rooms in both the shelters and the welfare offices. Our **survey** asked about housing arrangements over the family characteristics. Family housing arrangements over the past 5 years were...

... car on the street. Family income was a summation of the total household income contributed by all **family members** over the past year. The poverty level was calculated based on total family income adjusted for family... the child had a regular provider for preventive and illness care, (2) the type of regular provider ( **private physician** 's office or health maintenance organization vs emergency department, hospital outpatient clinic, or free, community, or public health clinic), and (3) barriers to **care reported** by the family that "made care difficult to obtain," such as cost, transportation, wait for an appointment...

... from obtaining care. These questions were adapted from the 1982-1984 National Hispanic Health and Nutritional Examination **Survey** , which was designed for administration to primarily poor and less-educated populations. /20/ Questions were also developed to assess the families' current health **insurance** coverage (no **insurance** , **Medicaid** , **private** , or other) and loss of health **insurance** over the past 12 months. Using an open-ended format, mothers were asked the reason for loss of health **insurance** over the past year. The responses were abstracted into the following categories: (1) The family's health **insurance** was through an employer and the job was lost. (2) The head of family was employed in a job that provided no health benefits. (3) The family's health **insurance** was

hospitals and clinics. These outreach personnel could educate families eligible for the **Medicaid** program and **assist** them with enrollment and benefit maintenance. 4. Federal law and federal-state **financial incentives** should be changed to **promote** enrollment of eligible families and prevent unwarranted terminations, rather than the contrary. Even if all poor and homeless families are enrolled in **Medicaid** through expanded eligibility and outreach efforts, they will not be assured of access to high-quality health care unless the number of providers participating in the **Medicaid** program is dramatically increased. /42/ To induce providers such as pediatrics to participate in **Medicaid**, the following reforms should occur: (1) Raise reimbursement rates to adequate levels (the American Academy of Pediatrics...

... families should be granted for longer time periods to prevent frequent loss of coverage and discontinuity of **insurance**. /41-45/

#### REFERENCES

1 Burt MR, Cohen BE. Who is helping the homeless? local, state, federal responses...

18/3,K/9 (Item 4 from file: 442)  
DIALOG(R) File 442:AMA Journals  
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00052205

#### Major Infectious Diseases Causing Excess Morbidity in the Hispanic Population (Article)

Ciro Valent Sumaya, MD, MPHTM  
Archives of Internal Medicine  
1991; 151: 1513 (8)

... populations. Data pertinent to the burden of infectious diseases in Hispanics may be found in published national **surveys** such as the National Health and Nutrition Examination **Survey** II, /3/ Hispanic Health and Nutrition Examination **Survey**, /4/ the Epidemiologic Surveillance Project of the Centers for Disease Control, /5/ and the Surveillance Summaries or ...

... terms used for cross-indexes included Chicano, Latin(o), migrant/farm worker, and aliens (undocumented). Existing national **surveys** since 1980 such as the National Health and Nutrition Examination **Survey** II, /3/ Hispanic Health and Nutrition Examination **Survey**, /4/ Epidemiologic Surveillance Project of the Centers for Disease Control, /5/ and Surveillance Annual Summaries (Centers for...

... the search was extended to 1972. The above sources also served as a guide for additional specific **studies** or articles. Articles included in the analysis were to contain Hispanic-specific infectious disease data on prevalence...

... the country in recent decades, related to widespread routine administration of immunizations. However, as described below, the **relatively** smaller number of cases currently seen, sometimes in sporadic outbreaks, may still contain a disproportionately increased number of Hispanic **patients**. The risk for measles for Hispanics living in Los Angeles County, California, in 1988 was 3.6...

...10/ directly related to a lack of rubella immunization among susceptible women in their childbearing years. Hispanic **patients** are overrepresented

/17,24,48/ Typhoid fever...

... infection (prevalence) rates with hepatitis A virus cited herein, in contrast to case rates in some other **studies** (see discussion on hepatitis in the "Materials and Methods" section), may be related to the large number ...

... of the health care system and be reported. /2/ The most common transmission of *Entameba histolytica* (etiologic **agent** for amebiasis) in this country is person-to-person, usually from direct fecal contamination, instead of from...

... and educational levels may have a minimal understanding of preventive services or are less accustomed to using **health care service** than the mainstream of society or even other minority groups. /2,75/ In addition, the role that...

... direct effect on obtaining easy access to health care attention--existing public facilities may be overburdened with **patient** care responsibilities, inadequate health staff, and insufficient updated diagnostic/management equipment. Migrant farm workers have particular problems... rise in illicit drug use and sexual behaviors, such as prostitution, and possibly relaxation in syphilis control **programs**. /36/ Nonetheless, the implication of the shift to heterosexual transmission in recent years was profound. This epidemiologic...

...more precise assessment of the extent of sexually transmitted disease in Hispanic men may be important in **relation** to the rates of cervical cancer in Hispanic women. Latin-American countries have reported the highest incidence...

... recommendations and interventions could be considered in reducing this health disparity. Improvement in Health Education for the **Individual**, Family Unit, and Community Health education could include culturally and ethnically sensitive education on preventive measures such...

... in provision for purified drinking water, satisfactory sewage disposal, and other more sanitary living conditions should be **promoted** for all segments of society. Reduction or Elimination of Barriers to Health Care Management Improvement in **insurance** status through expansion of **Medicaid** eligibility (or by other means) should provide for enhanced health care access to low income groups. /87/ The barrier to health care produced by deficient English language proficiency of **patients** and their families should be critically scrutinized. (A Congressional-mandated **study** on this matter is being carried out by the Health Resources and Services Administration of the Department...

... and Human Services.) Improved funding for state health departments to carry forth their responsibility satisfactorily needs continued **support**. Expansion of Infectious Disease Screening **Programs** Immunization rates need to be well monitored and deficiencies corrected. **Programs** in tuberculin skin testing, prenatal screening for hepatitis B surface antigen, and testing for syphilis should be expanded or continued, particularly in high-risk populations. Improvements in Diagnostic Acuity **Health professionals** should receive education and training on the types of infectious diseases that are more likely to occur in certain populations or geographical regions. Increased **Research** on Other Determinants of Health Disparities An evaluation of health-related behaviors, such as the use of...



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00050659

**Deleterious Effects of Criminal Victimization on Women's Health and Medical Utilization (Article)**

Koss, Mary P., PhD; Koss, Paul G., MD; Woodruff, Joy W., MS  
Archives of Internal Medicine  
1991; 151: 342 (6)

... service utilization for the 5 years surrounding a discrete crime incident could be reconstructed from their longitudinal **care records**. Excluded were cases where more than one crime occurred during the 5-year period itself or for...

... A comparison sample of nonvictims who had 5 years of continuous medical data available was selected. Complete **medical records** were obtained for 26 women (90% of eligible nonvictims). Crime victims were compared with nonvictims on demographic...in a 1-year period. The results suggest a role for the primary care medical system in **assisting** crime victims that transcends the traditional focus on emergency and forensic intervention. Criminal victimization severity is a status as well as their **relative** level of physician visits. Primary care **physicians** are an important potential **point** of initial contact for traumatized crime victims by virtue of their high level of public contact and..

... care during each of the 2 years following victimization. The medical utilization contrasted with data that demonstrate **relatively** low levels of specialty mental health or victim **assistance** service usage among crime victims. /5/ Victimization by violence is a diagnosis that **physicians** are being increasingly expected to make: both the Surgeon General's Workshop on Violence and Public Health and the **Attorney** General's Task Force on Family Violence recommended that the medical school curricula include education about domestic...

...Gynecologists recently mailed information about battered women to its 28 000 members. /41/ Unfortunately, the likelihood that **physicians** currently realize their potential to initiate service provision for traumatized crime victims is low. Only 53% of...

... in women's lives. Specifically, exposure to sexual violence fails to be included in the standard sexual **history** in clinical medicine. /43-46/ Furthermore, using current diagnostic techniques, personnel in a large metropolitan hospital correctly...

...detect histories of sexual assault among inpatients. /48,49/ The failure to screen for victimization by violence **communicates** a lack of permission to discuss these issues in the medical setting. When psychosocial variables are ignored...

18/3,K/11 (Item 6 from file: 442)  
DIALOG(R)File 442:AMA Journals  
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00050608

**Gaming the System: Dodging the Rules, Ruling the Dodgers (Article)**

Morreim, Haavi E., PhD

Archives of Internal Medicine  
1991; 151: 443 (5)

... only a sad story. It captures one of the most vexing dilemmas of medicine's changing economics: **physicians** are expected to deliver quality care to their **patients**, including sometimes to utilize costly technologies, yet they are steadily losing their accustomed control over the necessary medical and monetary resources. No longer will insurers cheerfully pay out large sums, simply on a **physician**'s say-so. However, **physicians** can still exert considerable indirect influence over resources by "gaming the system," using tactics such as "fudging..."

... be tempting, why it is hazardous and, most importantly, how this predicament forces us fundamentally to reevaluate **physicians**' obligations to their **patients**. **PHYSICIANS' OBLIGATIONS, OTHERS' RESOURCES** We can be brief in exploring the origins of the problem, for that groundwork has been laid elsewhere. /2-4/ It begins with **physicians**' obligations of fidelity to their **patients**. Traditionally, fidelity is necessary because **patients** are vulnerable. They may have physical, emotional and intellectual infirmities; their usually minimal medical knowledge requires them to trust in the **physician**'s expertise; and treatment often requires them to expose **personal** intimacies and sometimes to incur substantial risk. **Physicians** therefore are obligated to be medically competent and to **promote** the **patient**'s interests, even above their own. /5/ Over the years, medical competence has come to include not...

... keep abreast of new information, but to use appropriate technologies, such as x-rays or biopsies. If **physicians**, as an aid to diagnosis, ie, judgment, do not avail themselves of the available scientific means and...

... an error of judgment but negligence in failing to secure an adequate factual basis on which to **support** that diagnosis or judgment. /6(p173),7-9/ Furthermore, in requiring the **physician** simply to "take the x-rays, or have them taken," /10/ and to keep **patients** in the hospital as long as is medically necessary (regardless of insurers' reimbursement decisions), /11/ courts have...

... x-ray equipment or hospital bed, or who must pay the staff who tend them. "Whether the **patient** be a pauper or a millionaire, whether he be treated gratuitously or for **reward**, the **physician** owes him precisely the same measure of duty, and the same degree of skill and care." /4,12(p677)/ While it is unclear just how far **physicians**' legal duties to use technologies actually reach (eg, the **physician** is not required to purchase the **patient**'s prescription medications out of his or her own pocket), the **physician** is usually well-advised to use whatever technological resources are clearly part of the standard of care. /4/ Morally, it has similarly been routine to believe that **physicians** in the clinical setting "are required to do everything that they believe may benefit each **patient** without regard to costs or other societal considerations." /13(p1573)/ The **physician**'s duty is to the **patient**, not to society or to insurers. /14-15/ In essence, then, **physicians** have been expected virtually to commandeer other people's money and property for the benefit of their **patients**. For many years such economic indifference was plausible. **Insurance**, both **private** and government, was structured to insulate **patient** and provider from worrying about costs. /16/ Reimbursement was retrospective and usually generous, and cost-shifting (providers' practice of raising charges to paying **patients** in order to cover nonpaying **patients**) covered many of the uninsured who found their way into the health care system. In reaction to three decades' explosive expansion in health care expenditures, however, the "economic **agents**" who furnish the medical and monetary resources of care are no longer willing to

**patient** , however, has expanded over the years as a result of the proliferation of health and disability **insurance** , sick pay, and other employment benefits. Today, the **patient** commonly, and necessarily, enlists the aid of his or her **physician** in preparing claims for health and disability. Such forms ordinarily require information possessed solely by the treating **physician** as well as the **physician** 's signature attesting to the bona fides of that **medical information** . /38(p832)/ The **physician** therefore, the court concluded, has a duty to **assist** the **patient** in such economic matters. As a profession, **physicians** have further duties of economic advising and advocacy, namely, to help policymakers to write medically credible resource...

... is to explore more closely the duties--and the limits--of economic advising and advocacy. Just as **physicians** should not be expected to commandeer others' money and property, so is it unreasonable to expect literally...

...to consider how to forge a more rational health care structure, one that will not call for **physicians** so constantly to battle resource rules in order to secure care for their **patients** .

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18/3,K/12 (Item 7 from file: 442)  
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00049561

#### Retrospective Postmortem Dementia Assessment: Validation of a New Clinical Interview to Assist Neuropathologic Study (Article)

Davis, Paula B., MD; White, Heidi, MD; Price, Joseph L., PhD; McKeel, Daniel, MD; Robins, Lee N., PhD  
 Archives of Neurology  
 1991; 48: 613 (5)

... considered cognitively normal. Diagnoses made solely from the RCDI were compared with (1) diagnoses given by a **physician** examining the live subject at the Washington University Alzheimer's Disease Research Center (ADRC), St Louis, Mo, using criteria /13/ developed earlier but essentially identical to that of NINCDS-ADRDA; (2) **medical records** ; and (3) neuropathologic findings from autopsy. All neuropathologic autopsies were reviewed by a single neuropathologist. Autopsy cases... Brains were available from 18 of 23 ADRC subjects, two of four participants in the body-donation **program** , and seven of 12 individuals who underwent general autopsies. All 23 ADRC subjects had a diagnosis and...

... these 23 subjects had a restaging of dementia severity from the brief ADRC Expiration Interview at death. **Medical records** were available in all but one case; that person had a neuropathologic autopsy, however.  
 RESULTS Diagnosing Dementia...

... the RCDI as having possible SDAT. Two of these three individuals had been considered to have possible **AD** at their last premortem clinical assessment and one had probable **AD** . One subject had vascular dementia by both the RCDI and the clinical assessment. Diagnoses from the RCDI were confirmed by review of **medical records** , given their limitations. /17/ Thus, by comparison with all available standards the RCDI always detected dementia if...

... cognitive function (case 7 had been considered normal at the last clinical assessment, was diagnosed as probable **AD** by the RCDI, and was confirmed as pure **AD** by autopsy). The RCDI misclassified two cases of **AD** as possible **AD**, and one case of mixed dementia as pure **AD**. Determining the Severity of Dementia The RCDI also performed well at staging dementia severity. There was 70...

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00022213  
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**Academic Medicine as a Public Trust (SPECIAL COMMUNICATIONS)**

SCHROEDER, STEVEN A.; ZONES, JANE S.; SHOWSTACK, JONATHAN A.  
JAMA, The Journal of the American Medical Association  
August 11, 1989; 262: 803-812  
LINE COUNT: 00735 WORD COUNT: 10156

**CITED REFERENCES:**

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102...

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18/3,K/14 (Item 1 from file: 444)  
DIALOG(R)File 444:New England Journal of Med.  
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00108642

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**The Deteriorating Administrative Efficiency Of The U.S. Health Care System  
(Special Article)**

Woolhandler, Steffie; Himmelstein, David U.  
The New England Journal of Medicine  
May 2, 1991; 324 (18),pp 1253-1258  
LINE COUNT: 00481 WORD COUNT: 06642

**TEXT**

...home administration were not available, the California Health Facilities Commission regularly compiles detailed cost data, based on **Medicare** cost reports, on that state's hospitals and nursing homes. Four years ago we confirmed that administrative...

...those in at least two other states (Ref. 2). Since then, trends in hospital and nursing home **financing** and organization in California have paralleled developments in the nation as a whole (Ref. 4,5). We...  
...the following categories: general accounting, patient accounting, credit and collection, admitting, other fiscal services, hospital administration, public **relations** , personnel department, auxiliary groups, data processing, **communications** , purchasing, **medical** library, **medical records** , **medical** -staff administration, nursing administration, in-service education, and other administrative services. We excluded costs attributed to **research** administration, administration of educational **programs** , printing and duplicating, depreciation, amortization, leases and rentals, **insurance** , licenses, taxes, central services and supply, other ancillary services, and unassigned costs. We assumed that administration represented...

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01989693 50082022

**E-commerce vapor versus value**

Jankowitz, Bruce

Managed Healthcare v10n2 PP: 24-30 Feb 2000

JRNL CODE: MHR

WORD COUNT: 2107

...TEXT: has the power to reduce costly IT systems implementations, provide the means to connect disparate systems, improve **relationships** with patients, and even provide payers with new ways to add value by sponsoring cost-effective clinical...

...currently are up and running?

Most of us still can recall the similar fanfare that accompanied electronic **medical records** a few years ago. Hailed as the technology breakthrough that would save time and money, and improve...

...conducted an in-depth eHealth survey of integrated delivery networks and large medical groups (at least 50 **physicians**). Conducted in December 1999 and January 2000, the research focuses on the Web and its application in... satisfaction by providing greater access to practice services over the Web, without taking the valuable time of **physicians**. With all the challenges faced by managed care, the ePPI might provide the greatest hope of re-enfranchising the **physician**-patient relationship. Look for staff-model HMOs to consider these solutions.

Web-based practice management systems Are you currently outsourcing **physician** practice management billing to a service or using a traditional practice management system? There's a new... of McKessonHBOC Inc., is headquartered in Minneapolis, Minn., and has developed Web-based healthcare solutions that help **clinicians** provide better **care** through improved **information** flow. Abaton.com's Clinical Suite supports all the clinical processes of ambulatory clinics: Lab order entry and results reporting, **electronic** prescribing within formulary guidelines, task management and **medical record documentation**. To date, there are more than 6,000 users throughout the United States.

Secure connectivity solutions Solutions...

...offices.

**ABOUT THE AUTHOR**

Bruce Jankowitz is the managing partner of ARA Marketing Inc., an eHealth market **research** and marketing consulting firm located in Boston.

18/3,K/16 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01980263 48730873

**Predictive modeling points way to future risk status**

Ridinger, Mark H T; Rice, Jeffrey J

Health Management Technology v21n2 PP: 10-11 Feb 2000

ISSN: 1074-4770 JRNL CODE: CIH

WORD COUNT: 1086

...TEXT: is typically more consistent and cleaner than claims data, and richer diseasespecific data can be collected.

Traditionally, **survey** data has not been used to the extent of claims data because it has been more expensive...

... claims data, survey or quality of life questionnaires, clinical and laboratory information, and other data available in **electronic medical records** .

The power of the predictive models improves as more and more data is incorporated. Clinical data will...

...the most accurate predictive models. The widespread use of clinical data awaits the development of universal **electronic medical records** .

#### The Difference

Predictive modeling differs from some of the other techniques used to identify high-risk patients...

... often identify subtle, nonlinear patterns in the data. This allows patterns to be detected even if the **relationships** are not well understood. The end result is enhanced accuracy of the predictive model and reduced complexity...

...outcomes and significant financial savings. .

Predictive models may also be based upon survey instruments. Using a health **survey questionnaire** as the input data, a neural network model can be trained to predict future utilization patterns for...

... via the Internet, their implementation costs are being reduced. For example, a large hospital system using a **Medicaid Survey** model to manage their indigent population has successfully identified high-risk patients who will have three times complete data such as clinical data from **electronic medical records** .

The addition of this level of data will dramatically improve the accuracy of predictive models. Ultimately, predictive...

...this exciting evolution.

#### Figure 1.

Mark H. T Ridinger, M.D., is president, and Jeffrey J. Rice, MD., JD., is CEO of Axonal Health Solutions Inc., Washington, DC. Ridinger is a member of the HMT...

18/3,K/17 (Item 3 from file: 15)  
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18/3,K/18 (Item 4 from file: 15)  
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01782040 04-33031

**Utilization of health care services among subgroups of urban homeless and housed poor**

O Toole, Thomas P; Gibbon Jeanette L; Hanusa, Barbara H; Fine, Michael J

Journal of Health Politics, Policy & Law v24n1 PP: 91-114 Feb 1999  
ISSN: 0361-6878 JRNL CODE: JHP  
WORD COUNT: 5974

...TEXT: also assessed.

Functional status was evaluated using a modified version of the ShortForm 36 (SF-36) health **survey** (Ware and Sherborne 1992). The modifications allowed for variations in homeless behavior (e.g., the modified version...

... SF-36 were summarized using composite scores for physical and mental health (Ware et al. 1993). Social **support** was assessed using a composite score derived from a twenty-item social **support survey** developed by the Rand Corporation as part of the Medical Outcomes **Study** (Sherborne and Stewart 1991). Individuals who reported being homeless at the time ... i.e., no job, no money, psychiatric problems, family crisis, or drinking and drugs) using a five-**point** Likert scale (1 = major importance, 2 = somewhat important, 3 = minor importance, 4 = not a reason, and 5...

... Drive Veterans Administration Medical Center, and Birmingham Homeless Clinic) as a potential source for care in the **questionnaire**, a medical record search was conducted at that facility to verify nonuse of health services during the...

...closely follows that suggested by Hosmer and Lemeshow (1989). Results of the 399 individuals who completed the **survey**, reflecting more than a 90 percent response rate, 26 were excluded for the following reasons: (1) no predominant sheltering arrangement (N = 15); (2) Short Blessed Test score greater than 20 (N = 3); (3) **individual** interviewed twice (N = 3); and (4) residence in Allegheny County for less than six months (N = 5...

... housed, 55 (14.7 percent) were housed-poor, and 50 (13.4 percent) were doubled-up with **friends** or family. Demographic Characteristics and Comorbid Illnesses As shown in Table 1, the **study** population was predominantly male (85.3 percent), African American (78.6 percent), and between thirty and forty-nine years of age (76.3 percent). All nonwhite participants in this **study** were African American, consistent with the overall demographic characteristics of Allegheny County residents. Overall, 69.9 percent had health **insurance**, with 57.0 percent receiving either **Medicaid** fee-for-service or managed care coverage. The unsheltered homeless were less often high school graduates (55...

18/3,K/19 (Item 5 from file: 15)  
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01766553 04-17544

**Inpatient clinical decision-support systems: Determining the ROI**  
Rosenstein, Alan H  
Healthcare Financial Management v53n2 PP: 51-55 Feb 1999  
ISSN: 0735-0732 JRNL CODE: HFM  
WORD COUNT: 2297

...TEXT: 000 per survivor.d

Information management. Accessibility of information is key to the success of any decision- **support** program. Information systems can support case management, quality management, and risk management by helping clinicians to identify and manage potential high-risk patients, and, in general, monitor all important aspects of **care**.



**Information** systems can help build critical pathways, measure variations in patterns of care, perform comparative performance assessments, and **clinicians** with access to diagnostic algorithms, treatment standards, and educational services. The computerized **electronic medical record** enables providers to improve data accessibility and accuracy, provide on - **line** reporting capabilities, reduce duplication, and improve productivity, while reducing errors and cutting labor and office supply costs.

**Physician** use of computers leads to cost reduction. One **study** reported that **physicians** who placed inpatient orders through microcomputer workstations reduced the average charge per case by \$887, or 12.7 percent, and LOS by 0.89 days.e Other **studies** have cited the merits of computer-assisted decision support. More **physicians** will use computer-assisted decision support when it becomes more user- **friendly** and demonstrates that it can make patient care more efficient by providing on-line information that supports...

... a lack of consistency in the way providers conduct cost analyses, as well as a variety of **financial** incentives for inpatient care. Providers need to consider their payer mix to accurately assess ROI.

Information systems...

18/3,K/20 (Item 6 from file: 15)  
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01613707 02-64696

**Resurgence of convergence**

Thyfault, Mary E  
Informationweek n677 PP: 50-68 Apr 13, 1998  
ISSN: 8750-6874 JRNL CODE: IWK  
WORD COUNT: 3359

...TEXT: Initially, Kaiser is building a private ATM network, based on Northern Telecom Passport 6400 switches, to feed **electronic medical records**, including multimedia files such as X-rays, to **doctors**, **lab technicians**, and Kaiser personnel nationwide. But Kaiser Permanente isn't ready to pull its voice traffic off MCI's circuit switching network just yet, says Doug Crawford, director of IT planning for the Oakland, Calif., **HMO**. For one thing, Crawford, like most IS managers, isn't sure it's worth it for large...for free on the voice network, it's voice riding for free on the data network."

Meanwhile, **researchers** are pouring hundreds of millions of dollars into improving the quality and reliability of voice transmitted over...

... example, is integrating voice-overIP technology into Windows NT 5.0 as part of its telephone application **programming** interface. With TAPI, millions of independent **programmers** will be able to write voice apps to work with IP networks.

Microsoft is also driving the...on network servers. That would mean only one wire from the computer network to a call center **agent** or a user's multimedia PC. It also could mean much easier integration of databases. PBX software...

... For every network, there is cost. It's the investment in management

systems, staff training, and supplier **relationships** ."

This summer, the bank will begin testing voice on that frame-relay network between Hong Kong and...

... switch or hub and have a new person up and running quickly." Santa Monica employees can now **point** and click on a coworker's name to initiate voice calls from their PCs. The company plans...

... focus on more networked applications-33, to be precise, up from 20 before ATM-including an electronic **medical record** system and a patient-scheduling system.

"Now, if someone wants an Xray two weeks after it was...

18/3,K/21 (Item 7 from file: 15)  
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01547152 01-98140

**Starting up the upstarts**

Greene, Jan

Hospitals & Health Networks v71n24 PP: 16-24 Dec 20, 1997

ISSN: 1068-8838 JRNL CODE: HPT

WORD COUNT: 723

...TEXT: same time."

(Photograph Omitted)

Because managing care requires so much informationclinical protocols, patient status reports, medical outcomes **research** -there's a massive unmet need for computer systems that can track and manipulate data. Health care ...

... investing at a much lower rate than other industries. That's about to change, a circumstance that **lures** venture capitalists. Techies haven't begun to solve all of **health care**'s **information** problems, but venture capital is **supporting** some interesting attempts. Acacia, for example, has a stake in a Minneapolis venture called Abaton.com, which has developed an intranet system for an **electronic patient record** that's simple and **doctor - friendly** .

Venture capitalists still have an eye on developing **physician** practice management companies, and they've increasingly zeroed in on **specialists** and hard-to-manage diseases. Niche practice managers have proliferated in the last few years and now focus on everything from dentistry to neurological surgery. Total **Physician** Services of Boca Raton, Fla., has grouped **doctors** specializing in HIV and AIDS care in New York, Southern California, and South Florida, with the eventual...

18/3,K/22 (Item 8 from file: 15)  
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01545587 01-96575

**Privacy, research & marketing**

Wechsler, Jill

Pharmaceutical Executive v17n11 PP: 18-22 Nov 1997

ISSN: 0279-6570 JRNL CODE: PHX

WORD COUNT: 1990

...TEXT: a "floor" standard for information confidentiality but will allow stronger state laws to offer added protections, as **advocated** by civil rights groups. More restrictive state laws, however, could force clinical trial sponsors to exclude patients from certain states.

Law-enforcement access. Patient **advocates** and some medical groups, in turn, are just as upset about the administration's decision to allow law-enforcement officials access to individual **health records**. The American Psychiatric Association laments that the policy opens the door to " **electronic** peepingtoms" in health plans and government agencies and gives them "extensive access" to "our most intimate personal...

... purposes-such as identifying a fugitive in an emergency room or investigating fraud at a hospital or **insurance** company-and will not lead to "fishing expeditions." Patient **advocates** want to require **investigators** to obtain court orders and set time limits on their review of **medical records**.

Safeguards for genetic information. Although many legislative proposals call for added protections for genetic information to prevent...

... same antidisclosure rules to all patient data, including genetic information, HIV status, substance abuse, or mental health **records**.

**Researchers** support that approach because virtually all health information could be defined as "genetic," leading to excessively tight controls on virtually all health data transactions. To prevent antidiscrimination efforts from shutting down medical **studies**, the **research** community seeks to separate insurance coverage issues from data access policies. One strategy is to **point** to strong antidiscrimination statutes already on the books as more likely to prevent unfair treatment of people...

18/3,K/23 (Item 9 from file: 15)  
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01496044 01-47032

**Hospital, employment, and price indicators for the health care industry: Third quarter 1996**

Sensenig, Arthur L; Heffler, Stephen K; Donham, Carolyn S  
Health Care Financing Review v18n3 PP: 231-273 Spring 1997  
ISSN: 0195-8631 JRNL CODE: HCF  
WORD COUNT: 7246

...TEXT: National Archives and Records Administration. Washington. U.S. Government Printing Office, October 7,1992. Federal Register. Medicare **Program** ; Revision of the Medicare Economic Index; Final rule. Vol. 57, No. 228, 55896-56230. Office of the...

... National Archives and Records Administration. Washington. U.S. Government Printing Office, November 25,1992.

Reference:

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Notice. Vol. 61, No. 227, 59717-59724. Office of the Federal Register, National Archives and **Records** Administration. Washington. U.S. Government Printing Office, November 22, 1996. Levit, KR, Lazenby, H.C., Braden, B.R., et al.: National Health Expenditures, 1994. Health Care **Financing** Review 18(3):1-30. Spring 1996. Reuters Health Line: Reuters **Health Information** Services. **Internet** Site <http://www.Reutershealth.com/> August 30, 1996. Reuters Medical News: Reuters **Health Information** Services. **Internet** Site <http://www.Reutershealth.com/> February 13, 1997. U.S. Department of Commerce: Improved Estimates of the National Income and Product Accounts for 1959-1995: Results of the Comprehensive Revision. **Survey** of Current Business. Vol. 76, No. 1/2, Bureau of Economic Analysis. Washington. U.S. Government Printing Office, January/February 1996.

Reference:

U.S. Department of Commerce: National Income and Product Accounts. **Survey** of Current Business. Vol. 76, No. 9. Bureau of Economic Analysis. Washington. U.S. Government Printing Office...

18/3,K/24 (Item 10 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
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01047280 96-96673

**What's in the cards for smart cards?**

Lucas, Peter

Credit Card Management v8n3 PP: 64-71 Jun 1995

ISSN: 0896-9329 JRNL CODE: CCM

WORD COUNT: 2235

...TEXT: readers that sell parking time when a card is inserted, ticketless reservation systems for airlines, cellular phone **programs** containing portable phone numbers that can be programmed into any phone by inserting the card, electronic **medical records** and drivers' licenses, and customer-loyalty programs.

Data Warehouse

Nor will users be confined to a specific...

... Bancorp and until recently chief of U S West Inc.'s cobranded card operation.

Indeed, many of **third - party** features "will have the greatest marketing power," concedes Diane R. Wetherington, senior vice president of chip card ...

... Prepaid bank cards: Banks, too, are moving to stake their claim to make sure they protect customer **relationships**. First Union Bank, Wachovia, and NationsBank ... merchants. Cardholders earn points for purchases of Shell gasoline, British Airways tickets, theater tickets bought at participating **third - party** ticketing agencies, and at select music stores. Rewards are stored on the card and can be redeemed a market filled with opportunity as health administrators struggle to firmly establish electronic **health records** networks to ease the paper glut choking the **health - care** system. **Records** detailing the cardholders' current health, blood type, allergies, and susceptibility to drug interaction can be stored on...

... those suffering from kidney problems, can be loaded onto the card for use in an emergency. Cardholder **insurance** data can even be stored.

Other space-age functions being cooked up by smart card developers include ...

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01034040 96-83433

**Client/server: Where are we really?**

Anderson, Greg; Armstrong, Brad  
Health Management Technology v16n6 PP: 34-46 May 1995  
ISSN: 1074-4770 JRNL CODE: CIH  
WORD COUNT: 2258

...TEXT: server pilots expand into the enterprise systems that are envisioned to support the next generation of healthcare **financing** and delivery?

The vision

Health plans, physician groups and hospitals are consolidating and forming alliances to provide...

... procedures and processes. Similarly, healthcare executives are frustrated by multiple incompatible, inefficient patient accounting, care management and **insurance** systems.

Tomorrow's healthcare winners will be those who reengineer administrative and clinical processes and related systems across health plans, **physician** groups, hospitals and other providers to provide a continuum of effective healthcare. Because of its promise of...

... technology should play a key role in enabling the industry's transformation.

What does the future hold? **Electronic medical records**, 24-hour member & patient services as well as administrative and clinical decision-support systems are a few...

...strategic applications on the drawing board.

The future

Imagine a system that integrates data from health plans, **physicians** and hospital systems to produce realtime customer information. With this information, service **representatives** respond to **inquiries**, initiate transactions and correspond with patients to provide a complete range of member and patient services.

\* Imagine...

... end intelligent workstations and backend integration servers (e.g., HL7), client/server can integrate health plan, hospital, **physician** and medical-services systems into enterprise applications.

2. Robust desktop computing environments can enable more advanced knowledge ...skills, available time and financial resources.

One: application packages

Client/server application packages provide a safe starting point for MIS organizations and users. MIS can get its feet wet with the basics, such as network...

... risk. These organizations cite competitive advantage as the primary benefit of developing custom solutions. These players have **relatively** few choices, due to their size, their enterprisewide architecture objectives and limited offerings from leading software providers...

... strategies, many organizations have now completed pilot applications. Some of the leading applications include:

- \* data warehousing,
- \* electronic **medical records** , and
- \* managed- **care** systems.

These pilots have been closely monitored to gain new perspective on time, costs and results of...

18/3,K/26 (Item 12 from file: 15)  
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>>>Accession number 886031 is unavailable

18/3,K/27 (Item 13 from file: 15)  
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00855376 95-04768  
**1994 Health Management Technology market directory supplement**  
Anonymous  
Health Management Technology v15n6 PP: 41-46 May 1994  
ISSN: 1074-4770 JRNL CODE: CIH  
WORD COUNT: 5423

...TEXT: 617)787-5964

Claudia Kaufman Communications Director

Market: National Hospitals from 100 to more than 600 beds; **HMO**  
/PPO/Managed Care; Long-Term Care

Price Range: Available upon request

Product Name: SDK Patient Financial Management...

... and supports its Patient Management System, which includes Patient Registration, Patient Accounting, Managed Care, Multi-Entity, Medical **Records** and Scheduling Systems. The system utilizes a unique single database design, SDK's powerful 4GL tools, open...

... GL, A/P, payroll, fixed assets, etc.), hospital information system (integrated), managed care, managed-care contract administration, **medical records** (abstracting/concurrent DRG review, master patient index, utilization review), patient accounting (accounts receivable, personnel, human-resource management...

...clinical information systems.

Market Categories: Privately held company, central patient-data repository, decision-support--clinical (diagnosis-directed, **physician** -driven), decision-support--managerial financial (budgeting, case-mix management, contract monitoring, end-user reporting/query, executive information...

... status, product-line management, reimbursement maximization), integration services, intensive-care unit, clinical database, managed care, utilization tracking, **medical records**, chart management, **medical information**, quality assurance, utilization review, medical staff **profiles**, nursing management (budget/costing, management reporting), **online** researching database/connection, order entry/results reporting, outcomes-effectiveness measurement, outsourcing, pharmacy, point-of-care system, patient assessment and **profiles**, plans of care/standards, results interface, risk-management system, total quality management system, user interface, graphical user...

...115; (800) 962-2540; FAX: (205) 995-8640

Amy Knowles Director of Marketing

Market: National All Hospitals; **HMO** / **PPO** /Managed Care; Insurance Companies

Primary Applications: Managed Healthcare System

Hardware/Operating System: IBM AS/400 or PC...

... administration and claims adjudication software, the Managed Healthcare System automates capitation, risk withholds, provider contracting: electronic claims, **premium** billing claims rebundling and graphical reporting.

Market Categories: Privately held company, electronic data interchange, electronic claims (hospital...

18/3,K/28 (Item 14 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
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00726438 93-75659

**The Hospital-Physician Computer Communications Network: An Alternative Application**

MacStravic, R. Scott; Covert, Kathleen; Ginsburg, Debbie

Hospital & Health Services Administration v37n2 PP: 213-222 Summer 1992

ISSN: 8750-3735 JRNL CODE: HHS

WORD COUNT: 3277

...TEXT: Access to the hospitals' medical libraries and computer search capabilities

\* Announcements and information on hospital-sponsored educational **programs**, plus direct educational information

\* Improved follow-up of patients treated in and admitted through the emergency room...

...reviewed by the physician with the patient in the office

\* Improved quality through continuing medical education case **studies** for

**physicians** and their staff

- \* Improved patient compliance with filling prescriptions and following instructions
- \* Savings of staff time in prescription-refill requests
- \* Improved communications among referring **physicians** and **specialists** for better "customer" **relations**
- \* Acceleration of managed care review, admission authorizations, utilization review communication, and claims processing
- \* Computerized communications with other health care organizations.

#### THE HOSPITAL GAINS

- \* Improved efficiency of ancillary departments, admitting, and medical **records** through reduced telephone queries and responses
- \* Savings in mailing costs due to large numbers of **physicians** accepting computer messages as substitutes for written messages and notices
- \* Faster medical **record** completion and filing of bills, reduced accounts receivable, and the "time value" of money
- \* Improved **relations** with **physicians** through better communications, reduced stress over **medical records** completion, plus all the **physician** benefits of the network
- \* Reduced lengths of stay, reduced costs of duplicated tests, and better **financial** results under diagnosis-related group payment systems
- \* Improved quality of care through quicker reporting of test results...

18/3,K/29 (Item 15 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00518832 90-44589

#### Direct Contracting: A Recipe for Savings

Kenkel, Paul J.

Modern Healthcare v20n41 PP: 24-31 Oct 15, 1990

ISSN: 0160-7480 JRNL CODE: MHC

ABSTRACT: According to a recent **survey** of 111 hospitals conducted by Witt Associates, more hospitals are joining with employers to arrange for the delivery of **health care services** without the **assistance** of a **third party**. Although only 50 of the hospitals **surveyed** have signed direct contracts since 1983, some 1/3 have made such deals in the past 2 years. Despite the opportunities and **incentives**, consultants warn that direct contracting will not work for everyone. Hospitals must work hard to build recognition as quality providers in communities; institutions may be relying on health maintenance organizations ( **HMO** ) or other managed care vendors to produce **patients**. While many hospital-affiliated **physicians** will not participate in all-inclusive price packages, some hospitals are able to use such a product-line approach to exploit niches and **support** their **physicians**. For example, Iowa Methodist Medical Center's occupational **medicine program** recorded more than 800 admissions and increased the facility's revenues by \$1.3 million in 1989. ...



18/3,K/30 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
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00194686 20000215046B9550 (USE FORMAT 7 FOR FULLTEXT)  
**Slated for Second Quarter -- Eclipsys Confirms HEALTHvision Affiliate's IPO Plans**  
Business Wire  
Tuesday, February 15, 2000 06:19 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 1,180

...Since the healthcare enterprise has the information on individual patients, we can use the power of the **Internet** to provide them with **customized** information tailored to their unique health needs and interests, reminders about appointments and other information that improves...

...experience. This has an important side benefit of also enhancing the practice of medicine for the busy **physician** and other members of the enterprise's caregiving team."  
HEALTHvision solutions bring together interactive healthcare applications, reference information, enterprise and service information, advanced **communication** and knowledge-based decision- **support** tools including Eclipsys' eWebIT(TM) system-integration products and methodology to deliver sites that work for real-life needs. Through advanced **communication** -technology solutions, HEALTHvision creates a partnership between the patient, the family, the **physician** and the local healthcare delivery system. A use of standards, common vocabulary and a data model for reference **information** , consumer **health** search, clinical data and more, enable HEALTHvision to provide a seamless, comprehensive solution.

"Especially with the Institute of Medicine's (IOM) **study** pointing out the need to dramatically reduce the incidence of avoidable medical errors in this country, this comprehensive, access- **friendly** approach to **medical information communication** is absolutely essential to improving the quality of life we all enjoy," Decker said. "Coupled with Eclipsys..."

18/3,K/31 (Item 2 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00051399 19990527147B1156 (USE FORMAT 7 FOR FULLTEXT)  
**The Following is a Fact Sheet Issued by Wall Street Advancement for Arc Communications**  
Business Wire  
Thursday, May 27, 1999 10:00 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 427

...consumer communications.

Integrated marketing communications capabilities include: web site design, development and hosting, corporate identity and public **relations programs**, sales collateral and presentation design and production.

ARC EDUCATIONAL SERVICES is a revolutionary concept in Internet-based home **study** and continuing education **programs** for healthcare and medical professionals. The expertise to prepare accredited medical courses that fulfill requirements for AMA Category One continuing education **programs**.

ARC **MEDICAL INFORMATION SERVICES** provides a convenient and affordable way to deliver an emergency room patient's personal **medical records** to an attending **doctor** - anywhere in the world, any time. The patient file can include such patient data as EKG results, a living will, or any information a **doctor**, **nurse**, or other healthcare provider may need to know. Subscribers can also authorize a select group of healthcare professionals to instantly access their **medical file** on the **Internet**.

#### MARKETS

High Technology Industry  
New Media Industry  
Medical/Pharmaceutical Industry  
Sports Marketers  
Retailers  
Consumer Product Companies

#### Financial information

Founded	1992
Recent Stock Price (5/25/99)	\$.50
Market Cap (5/25/99)	\$7 Million...

18/3,K/32 (Item 1 from file: 624)  
DIALOG(R) File 624:McGraw-Hill Publications  
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01066796

**PRIVACY: OUTRAGE ON THE WEB: A lawsuit against DoubleClick may be just the start of a backlash**

Business Week February 14, 2000; Pg 38; Number 3668

Journal Code: BW ISSN: 0007-7135

Section Heading: News: Analysis & Commentary

Word Count: 1,324 \*Full text available in Formats 5, 7 and 9\*

#### BYLINE:

By Heather Green in New York, with Norm Alster in Boston and Amy Borrus and Catherine Yang in Washington

#### TEXT:

...CDs they buy, what places they spend the most time in.

What prompted Judnick to call a **lawyer** was DoubleClick's latest marketing tour de force: It quietly reversed an earlier policy of providing only anonymous data about Web surfers to marketers and last fall began combining its online **profiles** with information from direct mailers and others that help determine the actual identity of the Web surfer. In November, DoubleClick paid \$1.7 billion for Abacus Direct Corp., a

data-warehouse company that has **records** of consumers' **catalog** purchases, including name and address data. It has also begun pulling in similar personal data from Web partners. The result: DoubleClick not only knows where you go **online** and what you do there but also who you are, where you live, and your phone number...

... stream of unsolicited e-mails from insurers, loan companies, and other firms after she recently looked up **medical - insurance information online**.

WHAT POLICY? Privacy **advocates** say the allegations in the DoubleClick suit are just one sign of how the Internet's data-grabbers routinely go too far. The **advocates** concede that consumers willingly give up information about themselves when they register at a site but they...

... have strong privacy policies, they are often overlooked. The Health Privacy Project at Georgetown University released a **study** on Feb. 1 showing that many online health sites don't follow their own privacy policies--and in some cases share health information about visitors with their business partners.

Internet companies have every **incentive** to gather as much customer data as they can--and few reasons to stop. Indeed, integral to...

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0153884

**THE RIGHT TO PRIVACY: THERE'S MORE LOOPHOLE THAN LAW**

Business Week September 4, 1989; Pg 77; Number 3122

Journal Code: BW ISSN: 0007-7135

Section Heading: Cover Story

Word Count: 646 \*Full text available in Formats 5, 7 and 9\*

BYLINE:

Michele Galen, with Jeffrey Rothfeder, inNew York

TABLE:

...but authorized customers. Gives consumers the right to review their credit records and be notified of credit **investigations** for insurance and employment.

-- But the law lets credit agencies share information with anyone it reasonably believes...

...be used for a different purpose.

-- The law's exceptions let agencies share data anyway

RIGHT TO **FINANCIAL** PRIVACY ACT (1978) Sets strict procedures when federal agencies want to rummage through customer **records** in banks.

-- But the law doesn't cover state and local governments. And a growing list of exceptions let the FBI and U.S. **attorneys** grab files

VIDEO PRIVACY PROTECTION ACT (1988) Prevents retailers from disclosing video-rental **records** without the customers' consent or a court order. It also forbids the sale of the **records**.

-- Privacy **supporters** want the same rules for **medical** and **insurance files**

COMPUTER MATCHING & PRIVACY PROTECTION ACT (1988) Regulates computer matching of federal data for verifying eligibility for federal benefits **programs** or for recouping delinquent debts. Requires the government to give individuals a chance to respond before taking...

18/3,K/34 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
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00277595 20000302DCTH072 (USE FORMAT 7 FOR FULLTEXT)  
**Healthextras Reports Fourth Quarter And Year-End Financial Results; Revenue And Enrollment Exceed Estimates; EPS Meets Consensus Estimates**  
PR Newswire  
Thursday, March 2, 2000 19:00 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWswire  
WORD COUNT: 771

...Internet, the vast majority of insurance products marketed online are nevertheless bound and fulfilled offline. Accordingly, most **insurance** products acquired online are no less expensive than offline quotes. The HealthExtras model is different because it leverages the operating efficiencies and worldwide reach of the Internet in dramatically lowering the cost of **insurance** products to consumers and small businesses.

The HealthExtras **Insurance** Solutions(SM), are all designed to take advantage of the efficiencies and growing use of the **Internet** as a resource for obtaining **insurance** . According to Forrester **Research** , more than 33 million Americans will use the **Internet** for health -related **information** next year, and **Internet** -influenced **insurance** sales are projected to grow from \$1.5 billion to \$11 billion by 2003.

About HealthExtras  
As...

...for health and disability products, HealthExtras is dedicated to providing its members with solutions for today's **insurance** and financial planning needs. Through its Web site, www.healthextras.com, HealthExtras **Insurance** Solutions(SM) deliver **customizable** and affordable solutions to the problems faced by Americans as they seek to augment their financial planning and protect their family from the financial devastation of a major medical event. HealthExtras has an exclusive **relationship** with actor and **advocate** Christopher Reeve to help develop and promote its **programs** . The Company also has a premier sponsorship agreement with drkoop.com, as well as strategic agreements with...

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DIALOG(R)File 613:PR Newswire  
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00258480 20000203DCTH002 (USE FORMAT 7 FOR FULLTEXT)  
**Healthextras Adds Top Rated Insurance Underwriter; Addition of Chubb (A++) Bolsters Company's Commitment to Consumers Seeking Low Price Point Products**  
PR Newswire

Thursday, February 3, 2000 07:00 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 583

...costs with tailored Internet-specific products, which directly reflect the operating efficiencies of the Internet.

The Chubb **programs**, along with the other HealthExtras **Insurance Solutions(SM)**, are all designed to take advantage of the efficiencies and growing use of the Internet as a resource for obtaining **insurance**. According to Forrester **Research**, more than 33 million Americans will use the **Internet** for **health**-related **information** next year, and **Internet**-influenced **insurance** sales are projected to grow from \$1.5 billion to \$11 billion by 2003. About HealthExtras As...

...disability products and services, HealthExtras is dedicated to providing its members with solutions for today's growing **insurance** and financial planning needs. Through its Web site, [www.healthextras.com](http://www.healthextras.com), HealthExtras **Insurance Solutions(SM)** deliver **customizable** and affordable solutions to the problems faced by Americans as they seek to fill the gaps in coverage created by the managed care industry. In just minutes, a consumer can augment their **financial** planning and protect their family from the **financial** devastation of a major medical event.

HealthExtras has an exclusive **relationship** with Christopher Reeve to help develop and **promote** its **programs**. The Company also has a premier sponsorship agreement with [drkoop.com](http://drkoop.com), as well as strategic agreements with...

18/3,K/36 (Item 3 from file: 613)  
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00182333 19990923HSTH027 (USE FORMAT 7 FOR FULLTEXT)  
**Lattice Expects No Impact on Current or Next Quarters' Financial Results Due to Taiwan Earthquake**  
PR Newswire  
Thursday, September 23, 1999 16:46 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 569

...term disruptions in supply as well as unexpected upturns in market demand.

"We are confident that the **financial** results of our September or December ending quarters will not be adversely impacted by any potential disruption ...

...welfare of  
UMC's employees, their families and the Taiwanese people."

About Lattice Semiconductor

Oregon-based Lattice **Semiconductor** Corporation designs, develops and markets the broadest range of high-performance ISP(TM) **programmable** logic devices (PLDs) and offers total solutions for today's advanced logic designs.

Lattice introduced in-system **programmability** to the logic industry in 1992.

In June 1999, Lattice acquired Vantis, the corporation that invented the PAL(R) device and PLD switch matrix **architecture**, from AMD. With nearly double the R&D and sales resources, the resulting integrated company will focus on delivering logic products that satisfy the performance, density and

**ease** -of-use requirements of its customers.

Lattice products are sold worldwide through an extensive network of independent sales **representatives** and distributors, primarily to OEM customers in the fields of communications, computing, computer peripherals, instrumentation, industrial controls...

...are located at 5555 NE Moore Court, Hillsboro, Oregon 97124 USA; Telephone 503-268-8000, FAX 503- 268 -8037. For more **information** on Lattice

**Semiconductor** Corporation, access our World Wide Web sites at <http://www.latticesemi.com> .

Statements in this news release looking forward in time are made pursuant to the safe harbor provisions of the Private Securities Litigation **Reform** Act of 1995. Investors are cautioned that forward-looking statements involve risks and uncertainties, including the effect...

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1461381 LNM001  
**New Study Reveals Changing Priorities of Health Care Consumers Nationwide**

DATE: April 26, 1999 08:06 EDT WORD COUNT: 751

... than one-quarter of consumers say quality of care determines satisfaction in today's environment. The research **supports** other health care industry data showing that more than two-thirds of consumers now rank communication as...

...communication," said Kelly W. Breazeale, VHA group senior vice president and Laurus executive. "We learned from the **study** that patients want access to credible, current information, and they want to be able to communicate easily with their doctor about treatment options. We believe the doctor-patient **relationship** can be improved through better information sharing, and Laurus can help make that happen."

According to the **research**, a startling 71 percent of health care consumers say they were given no health information during their last **physician** visit. Yet 85 percent of those who did find it extremely

helpful. Consumers can also get Laurus information during an office visit from participating Laurus **physicians**. The **study** shows that of all the ways to obtain health information, getting information from their **physician** remains consumers' preferred choice.

"The roles played by quality communication and shared **information** in improving **health** cannot be underestimated," said Roxy Marrese, M.D., who has used the Laurus resources in his Daytona...

...said.

Laurus provides in-depth information on conditions and illnesses, pharmaceuticals, medical tests, treatment advances plus detailed **physician** and hospital **profiles** which include their philosophy of care, specialties, hours and even a map and driving directions. Physician **profiles** are the most popular area on the Web site to date. A Wired magazine **study** **supports** this trend, showing that 42 percent of consumers are interested in using the Internet to choose a physician. Laurus also provides physicians with access to the latest **research**, medical journals, reference texts, clinical guidelines and on-line forums.

Laurus health information is available now to consumers across the country free of charge through the Laurus Web site or call center. The **program** was piloted at several VHA member hospitals and hundreds of doctors' offices. This includes Halifax Community Health...

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1425072 NYF012  
Arc Communications' COO Tells Internet News Network About Marketing Trends

DATE: February 19, 1999 08:30 EST WORD COUNT: 562

...the shows.

New media firms like Arc are attracting the attention of larger, more conventional marketing and **advertising** agencies who lack the expertise and resources to provide clients **programs** using multi-media technology and the Internet. For its part, Arc has been a pioneer in Internet marketing, developing Web sites for college football championships since 1995. Its past projects have included such high-**profile** events as the Tostitos Fiesta Bowl and the Nokia Sugar Bowl, which last year extended its **relationship** with Arc through the year 2000 when it will host college football's national championship game.

Other multi-media services from Arc include Arc Education Services, a revolutionary concept in home **study** and continuing education for time-starved professionals in the medical community. Using **Internet**-based publications, Arc helps **doctors**, dentists, **nurses** and other **health professionals** stay abreast of advances in their disciplines, develop new competencies in allied disciplines and strengthen their professional credentials. Another division, Arc **Medical Information Services**, provides a convenient and affordable way to deliver an emergency room patient's personal **medical records** via the **Internet** to an attending **doctor** -- anywhere in the world, any time.

Arc Communications, Inc. is a full-service marketing consultancy and new...

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1352835 HSW014  
**Free, Real-Time Conversations With Doctors on AOL; 24-Hour 'America's  
Doctor Online' First of Its Kind for Consumers**

DATE: October 7, 1998 07:59 EDT WORD COUNT: 710

... e.g.: medical, children's health, dietary, etc.), and choose one of three options: talk to a **doctor** in a one-on-one chat room, conduct research on the site's medical library database, or...

...If visitors choose to talk to a doctor, they will be connected to one of ADOL's **doctors**. After entering the chat room with the **doctor**, the visitor may ask the **doctor** any number of health-related questions. The online **doctors** provide **medical information** and explain **medical** conditions. Additionally, if the AOL member would like a diagnosis or name of a local **doctor** who can provide additional care, the **online doctor** takes the consumer's name and phone number and will have a representative from the local-area sponsoring hospital call within 24 hours.

ADOL **doctors** do not practice medicine, diagnose ailments, prescribe medication, keep medical records or provide continuity or follow up...  
... to a vast medical library database, special online scheduled events on health topics and other consumer oriented **health information** resources.

"Community interaction is an important and vital part of AOL's Health Channel. Our members are...

... similar health concerns and questions," said Rob Jennings, Vice President of Programming for America Online. "America's **Doctor** Online is an excellent use of the online medium and the information, privacy and convenience it offers...

... Health Channel (keyword: Health) offers members a comprehensive and reliable source of information and support for their **medical** needs.  
**Information** on various illnesses and ways to maintain a healthy lifestyle, databases such as Medline and a medical...

18/3,K/40 (Item 4 from file: 813)  
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1344917 CLW026  
**HealthGate Introduces CHOICE - The Only Website That Links Physicians,  
Patients and Consumers**

DATE: September 23, 1998 11:27 EDT WORD COUNT: 700

... We have tested the site to make sure that medical institutions will be able to extract patient **profiles** and automatically generate patient-focused information for the medical staff," Bill Reece said. "It will reduce their...

...generated instantly."



HealthGate enables medical institutions to create on-line medical "communities" by linking three distinct groups -- **physicians**, patients and consumers. These groups can use HealthGate's tools such as 'Send to a **Friend**' to e-mail information to others. In this way, HealthGate becomes the meeting point where these communities can share the latest in health and medical news.

HealthGate is the world's leading on - line content provider of **medical** and **health** **information** on the World Wide Web serving consumers, **physicians**, hospitals and managed-care providers in the United States and over 90 countries worldwide. The company is in business to facilitate improvements in health care by bridging the information gap between patients, **physicians**, and **researchers**. More than 35,000 users visit the HealthGate web site everyday. HealthGate has key alliances with Columbia/HCA, Munksgaard, Blackwell Science, **Physicians** World **Communications** Group, Massachusetts General Hospital, CompuServe, as well as working **relationships** with many other **physicians**, hospitals and managed-care providers to enable access to high quality databases, journals, textbooks, educational programs and decision support information for its users. The company also has more than 100 key content **relationships** with key publishers including Munksgaard, Blackwell Science, the American Academy of Pediatrics, the American College of Surgeons...

... including Hoechst, SmithKline Beecham, Merck, and Pfizer. HealthGate is also the leading provider of Continuing Medical Education **programs** on the World Wide Web. The company is located at 380 Pleasant Street, Malden, MA 02148. The...

18/3,K/41 (Item 5 from file: 813)  
DIALOG(R)File 813:PR Newswire  
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1298001 CGW090  
**Profound Changes for Providers, Consumers: Comprehensive Changes to Medicare Mean More Protection, More Choice, More Confusion for 36 Million Americans; CCH Outlines the Major Provisions**

DATE: June 24, 1998 19:14 EDT WORD COUNT: 2,064

...health plans. In addition to expanding the health plan options available to Medicare beneficiaries, the M+C **program** has expanded quality assurance and patient protection standards. Sign-up and lock-in. The **program** will introduce an "annual coordinated election period" each November during which beneficiaries will designate coverage options that...

...methodology. Health plans that participate in 'M+C will be paid rates that have been calculated to **promote** savings, reduce nationwide payment variations and make it more attractive for new entities to expand managed care...coverage and comparative plan data, utilization control procedures employed by the organization, grievances and appeals information, the **financial** condition of the organization and a summary of the organization's **physician** compensation arrangements.

Complex or serious medical conditions. M+C organizations must identify

**Medicare** enrollees with complex or serious medical conditions, monitor

them, implement a treatment plan and provide the **specialist** care needed

to accommodate the treatment plan.

Emergency services. M+C organizations are required to cover emergency

and urgently needed services without regard to the absence of prior approval or the provider's contractual **relationship** with the organization. HCFA also has set a limit on cost sharing for emergency

services provided outside...

...the

limit should be lowered or cost sharing should be eliminated completely. HCFA welcomes comments on this **point**. An M+C organization's failure to provide medically necessary emergency services by failing to provide coverage or acting in a way that

could

result in the discharge or transfer of an unstable **patient** could

result

in intermediate sanctions.

**Quality assurance.** The existing regulations governing **Medicare**

risk

plans contain few quality assurance (QA) standards. New regulatory provisions now specify a series of elements that must be addressed

in

an M+C organization's QA **program**. These requirements focus on the organization's need to operate an "outcome oriented quality

assessment

and performance improvement **program**" designed to achieve outcome improvements across a broad spectrum of care. HCFA's new regulations acknowledge that...

...development stage, but HCFA promises that,

once complete, they will offer uniform standards that HCFA and state **Medicaid** agencies will be able to use to determine whether managed

care

plans satisfy the QA standards for **Medicare** or **Medicaid** contract eligibility.

the

**Medical records** confidentiality. M+C organizations must protect

both

privacy and accuracy of enrollees' **medical records**, including

not

**medical records** and enrollment information. The organization may

without

circulate this information outside of the organization itself

the...

...authorization, and is prohibited from selling the names

or addresses of enrollees for any purpose, including scientific **study**.

whose

Provider **relations**. All licensed **health care professionals**

the

services are covered by an M+C organization must be provided with

organization's participation rules, written notices of participation decisions and an appeal process.

**Private** contracting. An M+C organization may not pay a provider for services furnished to a **Medicare** enrollee by a **physician** or practitioner who opts out of **Medicare** by signing a **private** contract with the enrollee. The exception: a **physician** or practitioner who has opted out of **Medicare** is prohibited from asking a beneficiary in need of emergency or urgent care to sign a **private** contract, and if that care is provided, the M+C organization must pay for it.

**Physician** referral prohibition. The rules correct what is perceived as Congress' oversight in failing to revise a statutory provision that **subjects** existing managed care entities to liability under **physician** self-referral law. The new regulations exclude from the **physician** referral prohibition services provided to a **Medicare** enrollee under a coordinated care plan. The regulations do not exclude from that prohibition, however, services furnished under an M+C MSA or **private** FFS plans. Collection of encounter data. The regulations include a timetable for collecting hospital encounter data, which...

...2000. Appeals timeframe. HCFA has shortened the time an M+C plan may take to decide a **patient**'s appeal of a coverage decision -- generally 30 days, or 72 hours in urgent cases. In addition...

...being discharged from a hospital prematurely may challenge the discharge and remain in the hospital without incurring **personal** cost until the matter is reviewed by an impartial peer review organization. Impact statement. Overall, HCFA expects that these new regulations will have a positive effect on the **Medicare** program generally, beneficiaries, providers and organizations that have not contracted previously with **Medicare**. HCFA notes, however, that some current managed care contractors will experience decreased capitated payments, possibly resulting in reduced benefits for **Medicare** enrollees. HCFA charges states with responsibility for developing the necessary mechanisms for licensing PSOs after their three...

18/3,K/42 (Item 6 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1245768 CGTH043  
CareGroup of Eastern Massachusetts Selects Cerner as Primary Provider of Clinical and Management Information Solutions

DATE: March 19, 1998 16:32 EST WORD COUNT: 814

... needs of patients and communities throughout the region through its six hospitals and its many clinics and **physician** practices. CareGroup will use Cerner solutions to establish common processes and an **electronic medical record** for use throughout the organization to create efficiencies, enhance delivery of care, and facilitate community-wide wellness initiatives. This new **relationship** between CareGroup and Cerner was established during the fourth quarter of 1997.

CareGroup's hospitals include Beth Israel Deaconess Medical Center (a **research** -intensive teaching hospital created from the merger of two Harvard-affiliated hospitals), Mount Auburn Hospital (an acute...

... community based and in the academic medical centers, and its tradition of excellence in medical education and **research**, CareGroup also offers a broad spectrum of high-quality, comprehensive health services ranging from wellness **programs** to hospice care. CareGroup is also a member of the Premier healthcare alliance.

In the initial phase of the **relationship**, CareGroup will implement a number of Cerner Health Network Architecture (HNA) Millennium solutions, including Cerner's industry-leading clinical and management data repositories, clinical decision support tools, and **clinician** order management solution. These include the PowerChart **clinician** workstation and the Open Clinical Foundation Data Repository (OCF), which together form the foundation of Cerner's intelligent electronic **medical record**. Future phases of the **relationship** will include implementation of additional HNA Millennium solutions, including clinical documentation, enterprise clinical protocols and the ambulatory...

... and an electronic medical record across our entire organization has grown. Cerner's integrated solutions will provide **support** for these processes and the access to patient information. This will allow us to create efficiencies, optimize...

18/3,K/43 (Item 1 from file: 634)  
DIALOG(R) File 634:San Jose Mercury  
(c) 2002 San Jose Mercury News. All rts. reserv.

09048010

**VENTURE CAPITAL SURVEY THE MONEY TREE FOURTH QUARTER 1996**

San Jose Mercury News (SJ) - Monday, February 17, 1997

By: Compiled from a Mercury News/Price Waterhouse LLP survey of venture capitalists by editorial assistants Jack Davis and Glenda Queensbury and Price Waterhouse.

Edition: Morning Final Section: Business Monday Page: 4E  
Word Count: 3,714

...Venture Partners  
Data warehousing software

Agile Software  
San Jose  
\$100,000  
Sequoia Capital  
Development of software to **assist** hardware manufacturers

Apsylog  
San Ramon  
\$770,000  
Finovelec (hbox) Innovacom II (hbox) Partech International

...PlanetU\*  
San Francisco  
\$2,500,000  
Draper Fisher Associates Fund LP (hbox) Softbank Holdings  
Consumer-oriented Internet **promotion programs**  
  
Portola Communications  
Palo Alto  
\$4,300,000  
Asset Management Co. (hbox) Integral Capital Partners (hbox) New  
Enterprise...

...software

Vicinity  
Palo Alto  
\$5,000,000  
CMG (atsign) Ventures (hbox) EnCompass Group (hbox) 21st Century Internet  
**Private** -label Internet yellow pages and mapping services  
  
Whistle Communications  
Foster City  
\$7,300,000  
Institutional Venture Partners...

18/3,K/44 (Item 2 from file: 634)  
DIALOG(R) File 634:San Jose Mercury  
(c) 2002 San Jose Mercury News. All rts. reserv.

08732034

**VENTURE CAPITAL SURVEY SECOND QUARTER 1996**  
San Jose Mercury News (SJ) - Monday, August 19, 1996  
By: Much of the data was compiled from a Mercury News survey of venture  
capitalists by editorial assistants Jack Davis and Glenda Queensbury.  
Edition: Morning Final Section: Business Monday Page: 4E  
Word Count: 4,066

...virtual reality modeling language (VRML) software

Brightware  
Novato  
\$3,000,000  
Norwest Venture Capital (hbox) Venrock Associates  
**Financial** services transaction-automation software

Brio Technology  
Palo Alto  
\$6,000,000  
Integral Capital Partners (hbox) Kleiner Perkins...

...hbox) Novus Ventures  
Desktop data-access and analysis software for the data-warehouse segment  
of the decision- **support** and client-server query markets

Calico Technology  
San Jose  
\$5,750,000

San Mateo  
\$9,500,000  
Golder Thoma Cressey Rauner  
Building...

18/3,K/45 (Item 3 from file: 634)  
DIALOG(R) File 634:San Jose Mercury  
(c) 2002 San Jose Mercury News. All rts. reserv.

08240006

**SECOND QUARTER 1995**

San Jose Mercury News (SJ) - Monday, August 28, 1995  
By: Much of the data was compiled from a Mercury News survey of venture capitalists by editorial assistants Jack Davis and Glenda Queensbury.  
Edition: Morning Final Section: Business Monday Page: 4F  
Word Count: 2,971

...Innovacom (hbox) Partech International  
Computer-asset management software; cabling management software

Ashlar  
Sunnyvale  
\$160,000  
Hambrecht & Quist  
**Personal** computer-aided-design software

Aurum Software  
Santa Clara  
\$2,500,000  
Battery Ventures (hbox) Cherry Tree Investments (hbox) Morgan Stanley  
Ventures (hbox) Vertex Management  
Sales-force automation and customer- **support** software

Broadvision  
Redwood City  
\$4,000,000  
Itochu Corp. (hbox) Mayfield Fund (hbox) Sutter Hill  
Interactive commerce...

...Morgenthaler Ventures (hbox) Nichiman Data Systems (hbox) Oak Investment  
Partners (hbox) Sequoia Capital (hbox) Trinity Ventures  
Object- **relational** data management

Infoseek  
Santa Clara  
\$4,000,000  
Battery Ventures (hbox) Menlo Ventures  
Information retrieval software for...

...Client-server software

Stanford Technology  
San Francisco  
\$2,000,000  
Hummer Winblad Venture Partners (hbox) Sequoia Capital  
**Relational** database decision **support** products

Tenth Planet Exploration  
Half Moon Bay  
\$4,000,000

CITY (line 2)  
AMOUNT IN THIS ROUND (line 3)  
PRIMARY VENTURE CAPITAL... Enterprise Associates (hbox) Piper Jaffray  
Healthcare Fund (hbox) St. Paul Venture Capital (hbox) Sofinnova Venture  
Partners (hbox) **Target** Therapeutics (hbox) Weiss, Peck & Greer Venture  
Partners  
Products for the reproductive health market

FemRx\*  
Los Altos  
\$5...

... hbox) Oak Investment Partners (hbox) Sequoia Capital (hbox) Sutter Hill  
Ventures (hbox) Weiss, Peck & Greer Venture Partners  
**Health care information** software and services

Sunshine Medical  
Foster City  
\$1,300,000  
Biotechnology Investments (hbox) Burr Egan Deleage & Co...  
...Bicycle accessories

Calyx & Corolla  
San Francisco  
\$4,500,000  
Capital Cities Capital (hbox) Hambrecht & Quist  
Retail and **catalog** sales of fresh-cut flowers shipped directly from  
growers to customers

Crystalline Materials  
San Ramon  
\$938,438  
Allstate Life **Insurance** (hbox) Burr, Egan, Deleage & Co. (hbox) Colt  
Engineering (hbox) Jafco American Ventures (hbox) Vencap Equities  
Industrial synthetic...

18/3,K/46 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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10028467  
**WellMed Closes Strategic Funding of \$30 Million**  
PR NEWSWIRE  
March 13, 2000  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1021

... subsidiaries, owns and operates 130 acute care hospitals with more  
than 30,000 beds and numerous related **health care services**. The  
company employs approximately 126,000 people serving communities in 18  
states and services its hospitals from...

... people access and control the information they need to improve and  
better manage their health. WellMed's **Personal Health Manager** collects  
and analyzes **health information** to determine an **individual's** unique  
**health profile**, filters and delivers tailored **health information** and  
recommendations according to that **profile**, provides interactive,  
self-paced, self-care modules enabling individuals to monitor and manage  
specific disease or lifestyle risk factors, and provides a centralized  
location to store and maintain **personal health records**. WellMed's

proprietary tools set the standard for delivering personalized **health information** via ... national managed healthcare and provider organizations, pharmaceutical companies, health portals and other Internet sites. WellMed is a **privately** held company headquartered in Portland, Oregon. More information about WellMed can be accessed at www.wellmed.com ...

18/3,K/47 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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09238043

(LOUISVILLE) Ironmax.com Launches Web Site for Construction Equipment Industry  
PR NEWSWIRE  
January 19, 2000  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1228

... 19/2000 07:31 r f bc-CA-QUALCOMM-Eudora (SAN DIEGO) QUALCOMM Appoints Vice President of **Advertising** Sales for Eudora Email CHW001  
01/19/2000 07:36 r f bc-KY-Ironmax.com-web...

... 45 r f bc-OH-MedPlus-Cybear (CINCINNATI) MedPlus and Cybear to Provide an E-Health Medical **Records** Solution in Response to Proposed Federal Regulations DCW009 01/19/2000 07:45 r f bc-TX-TI-Prdct-of-Year (DALLAS) Texas Instruments Honored with 'Product of the Year' **Awards** for IP Phone Chipset FLW001 01/19/2000 07:45 r f bc-FL-NAPP-conference (TAMPA...

...on Linux SFW027 01/19/2000 08:00 r f bc-WA-GST-Telecom-earns (VANCOUVER) GST **Telecommunications** Exceeds Fourth Quarter Access Line Sales and Installation Projections ATW003 01/19/2000 08:01 r f bc-AL-Colonial-Prop-Buy (BIRMINGHAM) Colonial Properties Trust Completes Executive Unit Purchase **Program** ATW006 01/19/2000 08:01 r f bc-GA-TX-Logility-ebase (HOUSTON) ebaseOne First to...

...01 r f bc-DC-Envista-BioInform (WASHINGTON) Medscape Ranked #1 Portal by Medical Professionals; BioInformatics Market **Study** of Medical Portals Released NEW015 01/19/2000 08:01 r f bc-MA-Cognos- **insurance** (BURLINGTON) Cognos(R) **Insurance** Customer Success: Zurich **Commercial** Gets One Step Ahead of Its Competitors With Customer **Relationship** Management SFW010 01/19/2000 08:01 r f bc-CA-Netrwrk-Assoc-new (SANTA CLARA) New...

... 05 r f bc-IL-Cars-com-agency (CHICAGO) Cars.com Names Jordan Tamraz Caruso Agency of **Record** for Trade **Advertising** , Regional Media Buying CGW023 01/19/2000 08:05 r f bc-IL-Diamond-Tech-earn (CHICAGO...

... Technology AG Supervisory Board Presses Further Changes NYW018 01/19/2000 08:05 r f bc-NY- **Individual** -Invest (NEW YORK) **Individual** Investor Group, Inc. to Supply the Lycos Network With Daily Branded Content NYW020 01/19/2000 08:05 r f bc-NC-Sapiens-Intl ( **RESEARCH** TRIANGLE PARK) Sapiens Launches Partner **Program** CGW005 01/19/2000 08:06 r f bc-CA-Asimba.com-CRUNCH (REDWOOD CITY) Asimba.com...

... 19/2000 08:06 r v bc-CA-Digevent-Internet (LOS ANGELES) Hungry For Some Common-Sense **Financial** Advice? Log On to 'The Money Lunch' LAW041 01/19/2000 08:06 r f bc-CA...

... 2000 08:06 r f bc-CA-UTDL-Stock (LOS ANGELES) United Leisure Completes Over \$5 Million **Private** Placement LAW053 01/19/2000 08:06 r f bc-CA-UTDL-New-CEO-CFO (LOS ANGELES...



... 08:08 r f bc-CA-NARUS-Appoints-CFO (PALO ALTO) NARUS Appoints Shawn O'Neill Chief **Financial** Officer SFW057 01/19/2000 08:08 r f bc-CA-eBay-AuctionWatch (SAN BRUNO) eBay Listings...

... r f bc-OH-Keithly-earnings (CLEVELAND) Keithley Instruments Reports 61% Order Growth, 47% Sales Growth and **Record** Earnings for Fiscal 2000 First Quarter HSW031 01/19/2000 08:15 r f bc-CT-eUniverse...

... 01/19/2000 08:15 r f bc-CA-DBCC-Partnership (HAYWARD) Data Broadcasting Partners With Growth **Financial** Services To Provide Online Trading Solution

18/3,K/48 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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08344758

PRNewswire Midwest Summary Monday, November 22 to '4 P.M. EST

PR NEWSWIRE

November 22, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1207

...11/22/1999 06:02 r f bc-IL-EMI-Annc-Partner (CHICAGO) EMI Announces Partnership with **Private** Equity Firm CGM022 11/22/1999 06:34 r n bc-IL-City-of-Chicago (CHICAGO) City...

... 22/1999 06:58 r v bc-IL-YMCA-family-supp YMCAs Give Nation Poor Grades on **Support** of Families SFM061 11/22/1999 07:55 r f bc-WA-CyberSafe-Seminar (SEATTLE) Intrusion Detection...

... Appoints Rick Summer Vice President of Strategic Networks DCM006 11/22/1999 08:04 r a bc- **MD** -Families-Saluted (BALTIMORE) Groups That Build Strong Families Saluted by Foundation; **Awards** Will Aid **Programs** for Families and Kids in Tough Neighborhoods LAM029 11/22/1999 08:05 r f bc-CA-House-Ear-Inst. (LOS ANGELES) House Ear Institute in Association with Bio-Logic Systems Corp. **Awarded** \$100,000 Grant By The National Institutes of Health NEM018 11/22/1999 08:24 r f...

... r v bc-IL-Marianjoy-Rehab Francis Cardinal George and Ann Ford to Receive West Suburban Courage **Awards** For Disability Advocacy NYM008 11/22/1999 09:01 r f bc-IL-Grant-Thornton-LLP (CHICAGO)...

...f bc-IL-Tech-Entreprn-KPMG (CHICAGO) Technology Entrepreneurs Honored at KPMG's 1999 Illinois High Tech **Awards** DAM016 11/22/1999 09:17 r f bc-TX-Cooper-Regent-acq (HOUSTON) Cooper Industries Completes...

... 11/22/1999 11:44 r f bc-IL-Bombay-Trnsamerica (HOFFMAN ESTATES) Bombay Selects Transamerica Distribution **Finance** for New **Private** Label Credit Card **Program** CGM043 11/22/1999 11:56 r l bc-IL-Emergency-Food-Srv (EVANSTON) Prepare for the New Millennium With SurvivalY2K.com CGM045 11/22/1999 12:02 r n bc-IL-ASA- **inquiry** (PARK RIDGE) Anesthesiologists Call for Congressional **Inquiry** Over Navy **Doctor** 's Removal CHM016 ...f bc-IL-Premier-ecommerce (CHICAGO) Premier Health Exchange, Leading Healthcare Supply Chain Companies Form E-Commerce **Relationships** CHM017 11/22/1999 12:06 r e bc-IL-Hal-Ketchum-Aid (CHICAGO) Awaiting Adoption Music...

... For Organ Donation Features Governor George Ryan and The World's First

Successful Living-Donor Liver-Transplant **Patients** , Teri and Alyssa CGM042  
11/22/1999 12:47 r f bc-IL-CT-DC-Tribune-acq...

... 22/1999 14:11 r f bc-IL-AccuMed-exemption (CHICAGO) AccuMed Announces  
M.E.A. Receives **Investigational** Device Exemption (IDE) Approval From  
F.D.A. LAM108 11/22/1999 14:14 r f bc...

... Declares Dividend CGM057 11/22/1999 15:11 r v bc-IL-Schwab-Rehab-Hosp  
(SAN JOSE) **Attorney** General Jim Ryan and Survivors of Violence Celebrate  
Life at Schwab Rehabilitation Hospital's 8th Annual Thanksgiving...

... Network \*\*\*INDIANA\*\*\* LAM013 11/22/1999 09:01 r f  
bc-CO-MultiLink-Hellyer (DENVER) Multi-Link **Telecommunications** Completes  
Acquisition Of Hellyer Communications, Inc. CLM006 11/22/1999 09:05 r f  
bc-IN-Lilly...

... IA-Red-Oak-Hereford (RED OAK) Red Oak Hereford Farms, Inc. Plans Growth  
With Branded Red Oak **Premium** Hereford Beef MNM009 11/22/1999 10:10 r f  
bc-IA-LIVEware5-Internet (CEDAR RAPIDS) LIVEware5...

... Gas Contract CHM009 11/22/1999 08:29 r f bc-KY-KS-ResCare-contrct  
(LOUISVILLE) ResCare **Awarded** Kansas Contract LAM111 11/22/1999 15:08 r f  
bc-KS-Collins-earnings (HUTCHINSON) Collins Posts **Record** Sales and

18/3,K/49 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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07327429

**PRNewswire Midwest Summary Monday, September 20 to 4 P.M. EST**

PR NEWSWIRE

September 20, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1214

... Meeting in Chicago on Sept. 22, 1999 CGM015 09/20/1999 07:30 r v  
bc-IL- **Incentive** - **promo** (HOLLYWOOD) **Incentive** Industry to Launch New  
**Promotion** Campaign CGM010 09/20/1999 08:01 r f bc-IL-VASCO-Morgan-Inter  
(OAKBROOK TERRACE) VASCO...

...09/20/1999 08:54 r f bc-IL-Quaker-Reconfigure (CHICAGO) Quaker Announces  
Supply Chain Reconfiguration; **Targets** \$60-\$70 Million in Savings in 2002  
and Beyond CGM009 09/20/1999 09:02 r f bc-IL-NTIC-forclosr-rate (CHICAGO)  
Unregulated Subprime Loans Cause Chicago-Area Foreclosure Rates to Double,  
NTIC **Study** Finds CGM005 09/20/1999 09:03 r v bc-IL-Ballet-Folklorico  
(DETROIT) The Ballet Folklorico...

... 1999 10:11 r f bc-NC-Clineffect-partner (BANNOCKBURN) MasterChart and  
Clineffect Form Partnership to Revolutionize **Patient** Billing Process  
PHM015 09/20/1999 10:30 r f bc-PA-Allin-E-Commerce (PITTSBURGH) Allin...

... NY-DCR-Franchise-Loan (NEW YORK) DCR To Host Conference Call on  
Asset-Backed Transaction by Franchise **Finance** Corporation of America  
(FFCA) Regarding Franchise Loans CGM039 09/20/1999 11:34 r f bc-IL...

... Continue Strong Increase CGM016 09/20/1999 12:00 r v  
bc-IL-Ameritech-FOLUSA Ameritech and **Friends** of Libraries U.S.A. Present  
First Readers' Choice **Awards** MNM015 09/20/1999 12:00 r f  
bc-MN-VA-ATK-Radford (RADFORD) ATK Begins Medium...

... Courts at DePaul University Breakfast Forum LAM074 09/20/1999 13:52 r f bc-IN-Analytical- **Survey** (INDIANAPOLIS) Analytical **Surveys** Provides Update on Contract Volume LAM074A 09/20/1999 13:55 r f bc-IN-Analytical- **Survey** (INDIANAPOLIS) Analytical **Surveys** Provides Update on Contract Volume NYM077 09/20/1999 14:03 r f bc-IL-DCR-Acacia...Against Maxicare for \$4.5 Million LAM074 09/20/1999 13:52 r f bc-IN-Analytical- **Survey** (INDIANAPOLIS) Analytical **Surveys** Provides Update on Contract Volume LAM074A 09/20/1999 13:55 r f bc-IN-Analytical- **Survey** (INDIANAPOLIS) Analytical **Surveys** Provides Update on Contract Volume DEM003 09/20/1999 13:59 r f bc-MI-IN-DCX...  
 ... WEPCO AND Alliant Energy \*\*\*KANSAS\*\*\* CGF047 09/20/1999 09:35 r f bc-KS-MTW-Corp- **Awards** (MISSION WOODS) MTW Corporation Named One of Kansas/Missouri's Fastest Growing Technology Companies in Deloitte & Touche 'Fast 50' **Program** HSM038 09/20/1999 09:45 r f bc-KS-Sprint-Ryder-Cup (WESTWOOD) In a Ryder...

... Flu Shots in Exchange for Coats Offered at Royal Oak Medical Center During Drive Thru Flu Shot **Program** HSM020 09/20/1999 07:01 r n bc-CA-Toyota- **Study** -Japan (TORRANCE) Toyota Announces Expansion Into Michigan and Missouri of **Study Program** in Japan for U.S. Teachers HSM021 09/20/1999 07:01 r f bc-CA-Toyota- **Study** -Japan (TORRANCE) Toyota Announces Expansion of **Study Program** in Japan for U.S. Teachers DEM006 09/20/1999 07:52 r f bc-MI-Margate...

...f bc-TX-Motive-Comm-Kmart (AUSTIN) Motive Communications Announces Kmart Corporation's Purchase Of Its E- **Support** Solution CGM013 09/20/1999 08:04 r f bc-MI-BlueGill-Adobe-Sun (ANN ARBOR) BlueGill...

... Center HSM008 09/20/1999 08:41 r n bc-MI-Diabetes-Walk (FARMINGTON HILLS) Care Choices **HMO** Sponsors JDF Walk MHP Employee, Diabetic, Offers Advice for Children with Diabetes DEM007A 09/20/1999 08...  
 ... for Major Announcement, Sept. 20 DEM012 09/20/1999 09:52 r f bc-MI-M321.com- **survey** (BIRMINGHAM) When Does the New Millennium Actually Begin? Global **Survey** by M321.Com Yields Surprise Answer DEM005 09/20/1999 09:59 r f bc-MI-Rouge...

18/3,K/50 (Item 5 from file: 20)  
 DIALOG(R)File 20:Dialog Global Reporter  
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03028919

**Cleveland Clinic Florida To Become Research Site For Physicans' Office Of The Future Consortium**

BUSINESS WIRE

October 06, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1147

...to record-keeping and charting." R. Emmet Kenney, M.D., Ph.D. (Yale University) is the Associate **Program** Director of the Internal Medicine Residency Program and Medical Director of the Center for Lipid and Cardiac ...

... burden of maintaining paper records, particularly during patient examinations. We believe this will translate directly into improved **doctor**-patient **communications** and thus, better outcomes." Health Care Data Systems is the developer of ENTITY, the **electronic medical** record supported by The Office of the Future Consortium. Diagnostic medical instruments used in the Office of...

... pilot site will develop the groundwork for a new tracking system and conduct a comprehensive patient satisfaction **survey** that pioneers the use of innovative "RF tags" to track patient and provider activities and movements. RF...

18/3,K/51 (Item 6 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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03004388

HcVN Healthcare's Internet  
BUSINESS WIRE

October 05, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 686

...care's Internet. It leads the way for online medical practice while encouraging positive and productive inter- **relationships** among online healthcare practitioners, medical products and name telce providers in the industry. It fulfills the common...

... HcVN offers the following: -- Telemedical Directory. It is an ethical tool for medical practice online. It provides **specialists** an easy reference tool for the same **patient** state primary care **physician** partner to channel through medical advice should **patients** seek them out on their own; and adhere to medical **record** transfer policies regulated on a state-by-state basis. Consequently, it brings primary care **physicians** a tangible world of **patient** care **support** at their fingertips. "With the Telemedical Directory, total quality care is a **doctor** 's only option. The Telemedical Directory serves as a one-stop, dedicated search engine for **Doctors** , **Nurses** , Allied Healthcare Providers, Medical Facilities, Educational Facilities, Medical Services, Medical Association, Medical Products and Technologies. Listing at...

... where and how at given times. HcVN's TeleMedical Directory brings the world of healthcare resources and **support** at every practitioner's fingertips." -- HcVN Journal of Medicine. It is designed for the medical professionals, health scientists and academicians. -- Village News Network. It offers the latest medical breakthroughs for the general public. -- **Research** and **Surveys** . It is the medical world's window to upcoming and ongoing **research** worldwide. -- Health and Healing Tips. It takes a peak at the alternative medicines, from the garden, the...

... schedule of medical conferences and exhibitions. -- Momentum is an instant recall e-mail addressing system that networks **physicians** and hospitals with their **patients** and peers. It is a dedicated means for up-to-the-minute medical news. It affords a secure avenue for peer-to-peer, **physician** -to- **patient** medical information exchange. -- Momentum 2, a reciprocal to Momentum, is the **patient** 's instant recall e-mail addressing system dedicated to provide **point** -to- **point** guaranteed, secure, and confidential medical information delivery. Information about membership application and services are available at HcVN...

... Ibanez in 1994, whose unique (perhaps the only one in the industry) background in Biology, Optometry, Photography, **Telecommunications** , Marketing, and Public **Relations** ; not to mention her experiences in opening two five star hotels in the middle east - which she...

... hospitals with guests of different circumstances gives her a very well rounded hands on knowledge necessary for **telemedicine** . TeleMed International HQ, Inc. the parent company of HcVN is a closely held,

Search report

privately funded New York Corporation. CONTACT: Ruth Cecilia C. Ibanez  
(212) 491 1449 email: Life@HcVN.com URL...

Search report

S1 952 AU=(SUN, J? OR SUN J? OR CROUCH, R? OR CROUCH R? OR SCARBE-  
RRY, E? OR SCARBERRY E? OR KAIGLER, W? OR KAIGLER W? OR TVERS-  
KAYA, J? OR TVERSKAYA J? OR HUANG, K? OR HUANG K? OR KWOK, A?  
OR KWOK A?)  
S2 13 S1 AND IC=G06F-017?  
File 347:JAPIO Oct/1976-2001/Dec(Updated 020503)  
(c) 2002 JPO & JAPIO  
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200228  
(c) 2002 Thomson Derwent

*Inventor*

2/5/1 (Item 1 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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014364819 \*\*Image available\*\*  
 WPI Acc No: 2002-185520/200224

**Method and system for forecasting price of stock**

Patent Assignee: SUN J K (SUNJ-I)

Inventor: SUN J K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001029839	A	20010416	KR 200035169	A	20000624	200224 B

Priority Applications (No Type Date): KR 9939396 A 19990914

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001029839	A	1	G06F-017/6005	

Abstract (Basic): KR 2001029839 A

NOVELTY - The method and system for forecasting the price of a stock is provided to help personal investors by forecasting a closing price of securities having fluctuating price.

DETAILED DESCRIPTION - A host server stores registered data in a member database by classifying the members as a general member or a group member(S102). The host server calls information with respect to a stock selected by a client from a stock database and stores the information in a voting database by reflecting a user's vote and a forecasting stock price fluctuating rate(S106). If the client selects a showing for a recommendation list(S108), the host server calculates a total voting items, voting number and forecasting fluctuating rate from the voting database and outputs the result to a web browser program of the client(S110). The host server accumulates information of the last week voting result, voting items and a forecasting fluctuating rate(S112). The host server stores a hitting ratio in a voting state accumulating database by comparing the voting result of the last week with an actual stock price in this week(S114). The host server calculates a higher results group and a hitting ratio higher rank group during a specific period and stores the calculated value in an upper group database(S116). If the client selects a showing for weekly results of an item recommendation(S122), the host server calls the result stored in the voting state accumulating database and offers the client(S124).

pp; 1 DwgNo 1/10

Title Terms: METHOD; SYSTEM; FORECAST; PRICE; STOCK

Derwent Class: T01

International Patent Class (Main): G06F-017/6005

File Segment: EPI

2/5/2 (Item 2 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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014213476 \*\*Image available\*\*  
 WPI Acc No: 2002-034174/200204

XRPX Acc No: N02-026344

**Medical information management system and patient interface appliance stores and manages patient information and enables patient and authorized third party to access information**

Patent Assignee: RESPIRONICS INC (RESP-N); CROUCH R D (CROU-I); HUANG K C

(HUAN-I); KAIGLER W J (KAIG-I); KWOK A (KWOK-I); SCARBERRY E N (SCAR-I);  
SUN J (SUNJ-I); TVERSKAYA J (TVER-I)

Inventor: CROUCH R D ; HUANG K C ; KAIGLER W J ; KWOK A ; SCARBERRY E  
N ; SUN J ; TVERSKAYA J

Number of Countries: 024 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200173653	A1	20011004	WO 2001US9307	A	20010322	200204 B
AU 200147712	A	20011008	AU 200147712	A	20010322	200208
US 20020022973	A1	20020221	US 2000192071	P	20000324	200221
			US 2001814143	A	20010321	

Priority Applications (No Type Date): US 2001814143 A 20010321; US  
2000192071 P 20000324

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200173653	A1	E	97 G06F-017/60	

Designated States (National): AU BR CA JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE TR

AU 200147712 A G06F-017/60 Based on patent WO 200173653

US 20020022973 A1 G06F-017/60 Provisional application US 2000192071

Abstract (Basic): WO 200173653 A1

NOVELTY - The system includes an information management center (32) to receive and manage medical information associated with a patient. A patient appliance has an input/output device, a processor and a memory. A patient interacts with the appliance via the input/output device. An element selectively establishes a communication link (36) between the information management center and a patient appliance assigned to a patient whose medical information is being managed. An element selectively establishes a second communication link (38) between the information management center and a healthcare professional terminal of a Healthcare professional supervising a patient.

Finally the system has an element for selectively establishing a third communication link (42) between the information management center and a third party terminal of a third party authorized by the patient.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a method of managing medical information, for a patient interface appliance, for a method of monitoring a patient and for a method of subsidizing costs associated with compiling and maintaining medical information management system.

USE - For medical information management.

ADVANTAGE - Allows patient access to up-to-date information tailored to his needs.

DESCRIPTION OF DRAWING(S) - The figure shows a medical information management system.

Information management center (32)

First communication link (36)

Second communication link (38)

Third communication link. (42)

pp; 97 DwgNo 2/9

Title Terms: MEDICAL; INFORMATION; MANAGEMENT; SYSTEM; PATIENT; INTERFACE;  
APPLIANCE; STORAGE; MANAGE; PATIENT; INFORMATION; ENABLE; PATIENT; THIRD;  
PARTY; ACCESS; INFORMATION

Derwent Class: S05; T01

International Patent Class (Main): G06F-017/60

File Segment: EPI



DIALOG(R) File 350:Derwent WPIX  
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014132111 \*\*Image available\*\*  
 WPI Acc No: 2001-616322/200171  
 Related WPI Acc No: 2001-408797  
 XRPX Acc No: N01-459741

**Interactive business process setting-up method in transportation industry, involves allowing user to create user definable business process by accepting definition instructions from user**

Patent Assignee: FULTON INT CORP (FULT-N)

Inventor: QI-BIN B; SHAO W; **SUN J J**; SUN K; ZHANG J; ZHANG Y

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200169485	A1	20010920	WO 2001US4770	A	20010214	200171 B
AU 200138272	A	20010924	AU 200138272	A	20010214	200208

Priority Applications (No Type Date): US 2000649830 A 20000829; US 2000189104 P 20000314

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200169485	A1	E 103	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200138272 A G06F-017/60 Based on patent WO 200169485

Abstract (Basic): WO 200169485 A1

NOVELTY - An user is allowed to create a user definable business process by accepting definition instructions including rules, roles to be taken by system users and data fields containing information for a business process from the user. The accessibility of certain information within the data fields is a function of time and system authority.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Method for defining an interactive business process;
- (b) Apparatus for defining an interactive business process;
- (c) Method for performing a business process;
- (d) System for performing a business process;
- (e) Method for automating communication between business users;
- (f) Apparatus for automating communication between business users;
- (g) Method for conducting interactive business processes;
- (h) Method for evaluating a school admission application;
- (i) Method for processing a purchase order;
- (j) Method for delivering a product

USE - For conducting interactive business-to-consumer, consumer-to-business, business-to-business and/or person-to-person business processing and communications used in transportation industry processes such as airline ticket reservations, shipping, forwarding, trucking or delivery, in financial industry processes such as on-line banking, lending and borrowing, security exchange, mortgages, or accounting, in educational industry processes such as school admission, grant applications, project management and monitoring, on-line conferencing, homework assignments for school or on-line examinations, in procurement industry processes such as bidding, buying, selling or auctioning of goods, in retail and service industries processes such as

on-line shopping, reservations and confirmation for car rentals, hotels or restaurants, in medical, pharmaceutical and health care industries processes such as clinic visit scheduling or on-line medical expert consulting, in insurance industry processes such as application and approval for insurance and advertising industry.

ADVANTAGE - The distribution of information to various parties to business processes, is automated. A detailed business process is carried out in a structured approach in which various users of the process are kept apprised of the status of the process.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a central computer system.

pp; 103 DwgNo 2/29

Title Terms: INTERACT; BUSINESS; PROCESS; SET; UP; METHOD; TRANSPORT; INDUSTRIAL; ALLOW; USER; USER; DEFINE; BUSINESS; PROCESS; ACCEPT; DEFINE; INSTRUCTION; USER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

2/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014123602

WPI Acc No: 2001-607812/200170

XRPX Acc No: N01-453788

**Device for recognizing intelligent IC card with universal serial bus interface and its implementing method**

Patent Assignee: SUN J (SUNJ-I)

Inventor: HAN Y; SUN J ; YANG X

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1305156	A	20010725	CN 2000135812	A	20001221	200170 B

Priority Applications (No Type Date): CN 2000135812 A 20001221

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1305156	A		G06F-013/38	

Abstract (Basic): CN 1305156 A

NOVELTY - A device for recognizing intelligent IC card with universal serial bus interface is composed of microprocessor chip with USB interface and the chip of intelligent card. Said microprocessor is connected via USB interface to external microcomputer and its I/O pin is connected to the I/O pin of intelligent card's chip. The intelligent IC card is recognized over Internet for implementing authentication, cipher check and credit pay.

DwgNo 0/0

Title Terms: DEVICE; INTELLIGENCE; IC; CARD; UNIVERSAL; SERIAL; BUS; INTERFACE; IMPLEMENT; METHOD

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-013/38

International Patent Class (Additional): G06F-017/60 ; G06K-009/00; G06K-019/067

File Segment: EPI

2/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013548522

WPI Acc No: 2001-032728/200105

XRPX Acc No: N01-025487

**Reinforced Chinese character memory method**

Patent Assignee: JINBAO ELECTRONICS IND CO LTD (JINB-N)

Inventor: **SUN J**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1269556	A	20001011	CN 99105738	A	19990407	200105 B

Priority Applications (No Type Date): CN 99105738 A 19990407

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1269556	A		G06F-017/27	

Abstract (Basic): CN 1269556 A

NOVELTY - The English word mnemonics are mainly characterized by that automatically recording words polled by user and storing them in original problem library, and automatically selecting a small quantity of words in the original problem library to make them mutually alternate and adopting interacting mode to provide them for user to make selection. For example, when an individual English word is appeared, three Chinese interpretations are appeared, but only one of them is correct, these Chinese interpretations can be provided for user to make selection, and when the user's selection is correct, said correctly-selected word can be removed from said problem library, otherwise, said word appearance probability can be raised, so that it can attain the goal of raising mnemonics.

DwgNo 0/0

Title Terms: REINFORCED; CHINESE; CHARACTER; MEMORY; METHOD

Derwent Class: T01

International Patent Class (Main): **G06F-017/27**

File Segment: EPI

**2/5/6 (Item 6 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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013508264

WPI Acc No: 2000-680210/200067

XRPX Acc No: N00-503521

**Separated digital answer recorder able to bidirectionally transmit speech data with personal computer and its method**

Patent Assignee: YINGYEDA GROUP ELECTRONIC TECHNOLOGY CO (YING-N)

Inventor: LAI Z; **SUN J**; WANG Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1267163	A	20000920	CN 99113532	A	19990315	200067 B

Priority Applications (No Type Date): CN 99113532 A 19990315

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1267163	A		H04M-001/64	

Abstract (Basic): CN 1267163 A

NOVELTY - A separable digital answer-recorder able to

bidirectionally transmit speech data with personal computer and its method are disclosed. Before a personal computer transfers speech data to a digital answer-recorder, the digital answer-recorder is connected to an adapter. Then the personal computer can transmit the chosen speech data to it over transmission line by send instruction. The digital answer-recorder has the function of sending data to personal computer besides its record function.

DwgNo 0/0

Title Terms: SEPARATE; DIGITAL; ANSWER; RECORD; ABLE; BIDIRECTIONAL;  
TRANSMIT; SPEECH; DATA; PERSON; COMPUTER; METHOD  
Derwent Class: T01  
International Patent Class (Main): H04M-001/64  
International Patent Class (Additional): G06F-017/20  
File Segment: EPI

2/5/7 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013456508 \*\*Image available\*\*

WPI Acc No: 2000-628451/200061

XRPX Acc No: N00-465674

**Resolution conversion of multiple-dimensional digital data such as digital image data by kernel selection for image interpolation**

Patent Assignee: CANON KK (CANO )

Inventor: BRADLEY A P; HUANG K

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 9965270	A	20000622	AU 9965270	A	19991216	200061 B
JP 2000242774	A	20000908	JP 99361766	A	19991220	200061

Priority Applications (No Type Date): AU 987798 A 19981218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 9965270	A		57	G06T-005/00	
JP 2000242774	A		22	G06T-003/40	

Abstract (Basic): AU 9965270 A

NOVELTY - Image data are accessed, step 100, high contrast texture regions are detected, step 105 and edge strength and edge orientation of the data are detected, step 110. Unnecessary interpolation kernel switching is removed, step 115 using a morphological opening operation and detected text and edge regions are combined into a kernel, or kernel-package, selection map for each input pixel, step 120. The map is cleaned, step 125, the cleanest map is interpolated, step 135 and the appropriate kernel is applied to the image data, step 145, to display the resolution converted output image, step 155.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a method of interpreting image data and for a computer-readable medium storing a program.

USE - Resolution conversion of multiple-dimensional digital image data.

ADVANTAGE - Reliable kernel selection according to edge strength and orientation.

DESCRIPTION OF DRAWING(S) - The drawing is a flow chart of the interpolation method according to a first embodiment of the present invention.

pp; 57 DwgNo 1/10

Title Terms: RESOLUTION; CONVERT; MULTIPLE; DIMENSION; DIGITAL; DATA;

DIGITAL; IMAGE; DATA; KERNEL; SELECT; IMAGE; INTERPOLATION  
 Derwent Class: T01; T04  
 International Patent Class (Main): G06T-003/40; G06T-005/00  
 International Patent Class (Additional): **G06F-017/17** ; H04N-001/387  
 File Segment: EPI

**2/5/8 (Item 8 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
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013334497  
 WPI Acc No: 2000-506436/200046  
 XRPX Acc No: N00-374438

**Method and device for computerized controlling path and speed of numerally controlled curves**

Patent Assignee: CAITUFAREN IND TECHNOLOGY RES INST (CAIT-N)  
 Inventor: **SUN J** ; WANG A; ZHANG Z  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1255681	A	20000607	CN 98123111	A	19981203	200046 B

Priority Applications (No Type Date): CN 98123111 A 19981203  
 Patent Details:  
 Patent No Kind Lan Pg Main IPC Filing Notes  
 CN 1255681 A G06F-017/50

Abstract (Basic): CN 1255681 A

In the CNC processing of parametric curve, feed speed is the key factor of high processing quality. A parametric curve interpolator with speed control and the operation modes of fixed-speed interpolator and accelerating-decelerating interpolator are disclosed. For the fixed-speed one, the speed is constant in the interpolation of parametric curve. For the accelerating-decelerating design of parametric curve interpolator, more smooth acceleration-deceleration movement can be obtained.

Dwg.0

Title Terms: METHOD; DEVICE; CONTROL; PATH; SPEED; CONTROL; CURVE  
 Derwent Class: T01  
 International Patent Class (Main): **G06F-017/50**  
 International Patent Class (Additional): G06F-019/00  
 File Segment: EPI

**2/5/9 (Item 9 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
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013322808 **\*\*Image available\*\***  
 WPI Acc No: 2000-494747/200044  
 XRPX Acc No: N00-367550

**Data interpolation procedure involves calculating scaling factor of discontinuous data value set and filter function coefficient and for interpolating discontinuous data value set**

Patent Assignee: CANON KK (CANO )  
 Inventor: BRADLEY A P; **HUANG K** ; YIP D  
 Number of Countries: 002 Number of Patents: 002  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000187726	A	20000704	JP 99361765	A	19991220	200044 B

AU 730522      B      20010308    AU 9965251      A      19991215    200119

Priority Applications (No Type Date): AU 987799 A 19981218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000187726	A		21	G06T-003/40	
AU 730522	B			G06T-003/40	Previous Publ. patent AU 9965251

Abstract (Basic): JP 2000187726 A

NOVELTY - Scaling factor of set of discontinuous data value is calculated using at least one filter function for calculating filter function coefficient for storage. Interpolation is performed on set of discontinuous data value for generating another discontinuous data value set of different resolution.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) data interpolation apparatus; program product

USE - For interpolating data especially digital image data.

ADVANTAGE - Filter function coefficient and memory capacity required of look up table is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of outline of system providing Kernel coefficient.

pp; 21 DwgNo 1/11

Title Terms: DATA; INTERPOLATION; PROCEDURE; CALCULATE; SCALE; FACTOR;

DISCONTINUE; DATA; VALUE; SET; FILTER; FUNCTION; COEFFICIENT;

INTERPOLATION; DISCONTINUE; DATA; VALUE; SET

Derwent Class: T01

International Patent Class (Main): G06T-003/40

International Patent Class (Additional): **G06F-017/10**

File Segment: EPI

**2/5/10      (Item 10 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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012565714

WPI Acc No: 1999-371820/199932

XRPX Acc No: N99-277299

**Multifunction commodity cipher anti-forge system and using method - encoder, storage and verifying telephone system are set up in the factory and the encrypted number of the commodity and its price are inputted**

Patent Assignee: SUN J (SUNJ-I)

Inventor: **SUN J**

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1213112	A	19990407	CN 98112271	A	19980930	199932    B

Priority Applications (No Type Date): CN 98112271 A 19980930

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1213112	A		1	G06F-017/60	

Abstract (Basic): CN 1213112 A

A multifunctional antiforgery system for commodities features that encoder, storage and verifying telephone system are set up in the factory and the encrypted number of the commodity and its price are inputted.

Consumer can verify if the commodity is true by checking up with telephone. Said system may be full-automatic computer system or the

mixed system of manual operation, mechanical operation and computer.

ADVANTAGE - It can provide good after-sales service.

Dwg.0

Title Terms: MULTIFUNCTION; COMMODITY; CIPHER; ANTI; FORGE; SYSTEM; METHOD;  
 ENCODE; STORAGE; VERIFICATION; TELEPHONE; SYSTEM; SET; UP; FACTORY;  
 ENCRYPTION; NUMBER; COMMODITY; PRICE

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60

File Segment: EPI

2/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012220631 \*\*Image available\*\*

WPI Acc No: 1999-026737/199903

XRFX Acc No: N99-020572

**Configuration of programmable integrated circuits. - uses JTAG boundary scan instruction stored in instruction register to replace programmable mode select pins**

Patent Assignee: ALTERA CORP (ALTE-N)

Inventor: CLIFF R G; HUANG J; NGUYEN K; SUNG C; WANG B; WANG X; WANG B I;

**HUANG K**

Number of Countries: 027 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 884599	A1	19981216	EP 98304614	A	19980610	199903 B
JP 11072541	A	19990316	JP 98160240	A	19980609	199921
US 6262595	B1	20010717	US 9749243	A	19970610	200142
			US 9749245	A	19970610	
			US 9749246	A	19970610	
			US 9749275	A	19970610	
			US 9752990	A	19970610	
			US 9749478	A	19970613	
			US 9750953	A	19970613	
			US 9894356	A	19980609	
US 20010020851	A1	20010913	US 9749243	A	19970610	200155
			US 9749245	A	19970610	
			US 9749246	A	19970610	
			US 9749247	A	19970610	
			US 9749275	A	19970610	
			US 9752990	A	19970610	
			US 9749478	A	19970613	
			US 9750953	A	19970613	
			US 9894356	A	19980609	
			US 2000738403	A	20001215	
US 6314550	B1	20011106	US 9749243	A	19970610	200170
			US 9749245	A	19970610	
			US 9749246	A	19970610	
			US 9749247	A	19970610	
			US 9749275	A	19970610	
			US 9752990	A	19970610	
			US 9749478	A	19970613	
			US 9750953	A	19970613	
			US 9894226	A	19980609	

Priority Applications (No Type Date): US 9750953 P 19970613; US 9749243 P 19970610; US 9749245 P 19970610; US 9749246 P 19970610; US 9749247 P 19970610; US 9749275 P 19970610; US 9752990 P 19970610; US 9749478 P 19970613; US 9894356 A 19980609; US 2000738403 A 20001215; US 9894226 A

# Search report

19980609

## Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 884599	A1	E	13	G01R-031/3185	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
JP 11072541	A		14	G01R-031/28	
US 6262595	B1			H01L-025/00	Provisional application US 9749243
					Provisional application US 9749245
					Provisional application US 9749246
					Provisional application US 9749275
					Provisional application US 9752990
					Provisional application US 9749478
					Provisional application US 9750953
US 20010020851	A1			H01L-025/00	Provisional application US 9749243
					Provisional application US 9749245
					Provisional application US 9749246
					Provisional application US 9749247
					Provisional application US 9749275
					Provisional application US 9752990
					Provisional application US 9749478
					Provisional application US 9750953
					Cont of application US 9894356
					Cont of patent US 6262595
US 6314550	B1			G06F-017/10	Provisional application US 9749243
					Provisional application US 9749245
					Provisional application US 9749246
					Provisional application US 9749247
					Provisional application US 9749275
					Provisional application US 9752990
					Provisional application US 9749478
					Provisional application US 9750953

## Abstract (Basic): EP 884599 A

The method comprises providing an instruction to a JTAG instruction register (220) from a JTAG state machine (210) and passing the instruction to a JTAG boundary scan control logic block (230). The mode select signal (240) is passed to a programmer mode decoder (250). Based on the control signal a programming mode signal is generated to place the integrated circuit in a configuration mode. The circuitry has JTAG dedicated pins TMS, TRST, TCLK, TDI, and TDO. The TMS, TRST and TCLK pins are coupled to the JTAG state machine which provides output signals SHFTIR, CLKIR, UPDTIR, SHFTDR, CLKDR, and UPDTD based on the inputs. The JTAG state machine controls the sequential operation of the circuitry.

USE - Increasing the number of input and output pins for the input and output of data.

ADVANTAGE - Provides higher system performance by increasing the amount of data transferred in parallel.

Dwg.2/5

Title Terms: CONFIGURATION; PROGRAM; INTEGRATE; CIRCUIT; BOUNDARY; SCAN; INSTRUCTION; STORAGE; INSTRUCTION; REGISTER; REPLACE; PROGRAM; MODE; SELECT; PIN

Derwent Class: S01; U11; U13; U21

International Patent Class (Main): G01R-031/28; G01R-031/3185; **G06F-017/10**; H01L-025/00

International Patent Class (Additional): G06F-011/22

File Segment: EPI



2/5/12 (Item 12 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
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010937042 \*\*Image available\*\*  
 WPI Acc No: 1996-433992/199643  
 XRPX Acc No: N96-365603

**Automatic document generation method for task automation - in which state of application, including objects displayed and various properties or attributes of objects, is captured and stored under selected name**

Patent Assignee: KNIGHTS TECHNOLOGY INC (KNIG-N)  
 Inventor: HUANG K K ; ZENG Y; ZHANG Y; HUANG K  
 Number of Countries: 024 Number of Patents: 003  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9628778	A1	19960919	WO 96US3520	A	19960313	199643 B
IL 117457	A	19990922	IL 117457	A	19960313	200002
US 6088712	A	20000711	US 95403146	A	19950313	200037
			US 96744557	A	19961106	
			US 97994996	A	19971219	

Priority Applications (No Type Date): US 95403146 A 19950313; US 96744557 A 19961106; US 97994996 A 19971219

Cited Patents: 3.Jnl.Ref; EP 404505; EP 451963

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9628778	A1	E 26	G06F-009/44	

Designated States (National): CA JP KR RU SE UA

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

IL 117457 A G06F-017/50

US 6088712 A G06F-017/30 Cont of application US 95403146  
 Cont of application US 96744557

Abstract (Basic): WO 9628778 A

The method for automatically generating a document involves displaying a data set in response to commands by a user, and altering the display of data in response to user commands to produce an altered display having one or more properties. In response to a user input at a single capture time, a macro is recorded, which when applied to a further named data set, produces from the further data set a document having one or more properties.

The user specifies a further named data set and the macro, and the macro is applied to the further named data set to produce a document having one or more properties. The 'smart-macro' may be applied interactively by the user to different data, or different data sets. A batch job may be scheduled, in which the smart macro is scheduled to run on specified data at a specified time with results being saved to disc under a user specified name.

USE - Automation of tasks using graphical and multimedia macros, for e.g information automation in yield enhancement software for use in semiconductor IC mfg.

ADVANTAGE - Provides intelligent, state-based macro facility, having single 'capture' time, determined by user pressing single 'smart-macro' key.

Dwg. 6/14

Title Terms: AUTOMATIC; DOCUMENT; GENERATE; METHOD; TASK; AUTOMATIC; STATE; APPLY; OBJECT; DISPLAY; VARIOUS; PROPERTIES; ATTRIBUTE; OBJECT; CAPTURE; STORAGE; SELECT; NAME

Derwent Class: T01; U11

International Patent Class (Main): G06F-009/44; G06F-017/30 ; G06F-017/50

File Segment: EPI

2/5/13 (Item 13 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
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010504284 \*\*Image available\*\*  
 WPI Acc No: 1996-001235/199601  
 XRPX Acc No: N96-001041

**Automatic code pattern generator appts. for integrated circuit layout -  
 has processor receiving instructions including instruction indicating  
 particular polygon specification associated with cells of physical layers  
 of pre-programmed chip**

Patent Assignee: WINBOND ELECTRONICS CORP (WINB-N)

Inventor: **HUANG K** ; KUO M; TSAI C

Number of Countries: 006 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 684571	A2	19951129	EP 95106056	A	19950422	199601 B
EP 684571	A3	19960828	EP 95106056	A	19950422	199643
US 5617328	A	19970401	US 94248068	A	19940523	199719

Priority Applications (No Type Date): US 94248068 A 19940523

Cited Patents: 2.Jnl.Ref; JP 5282400; JP 61240244; US 5253182

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 684571	A2	E	15	G06F-017/50	
Designated States (Regional): DE FR GB IT NL					
US 5617328	A		14	H01L-021/70	
EP 684571	A3			G06F-017/50	

Abstract (Basic): EP 684571 A

The generator appts. has a processor receiving a number of instructions, including an instruction indicating a particular polygon specification associated with cells of at least one physical layer of the pre-programmed integrated circuit. At least one instruction indicates a regular ordered pattern of a number of the cells on the physical layer of the chip.

The processor generates a code layer including a design of a layout of the polygons according to the regularly ordered pattern of cells on the chip and a mapping relationship between cell addresses and corresponding ones of the cells associated with the polygons of the regular ordered pattern.

ADVANTAGE - Facilitates forming layout design model and introducing variations into model to suit specific applications. Provides efficient and reliable method.

Dwg.2/5

Title Terms: AUTOMATIC; CODE; PATTERN; GENERATOR; APPARATUS; INTEGRATE;  
 CIRCUIT; LAYOUT; PROCESSOR; RECEIVE; INSTRUCTION; INSTRUCTION; INDICATE;  
 POLYGONAL; SPECIFICATION; ASSOCIATE; CELL; PHYSICAL; LAYER; CHIP

Derwent Class: T01; U11

International Patent Class (Main): **G06F-017/50** ; H01L-021/70

File Segment: EPI

S1 217 AU=(SUN, J? OR SUN J? OR CROUCH, R? OR CROUCH R? OR SCARBE-  
RRY, E? OR SCARBERRY E? OR KAIGLER, W? OR KAIGLER W? OR TVERS-  
KAYA, J? OR TVERSKAYA J? OR HUANG, K? OR HUANG K? OR KWOK, A?  
OR KWOK A?)  
S2 6 S1 AND IC=G06F-017?  
File 348:EUROPEAN PATENTS 1978-2002/APR W04  
(c) 2002 European Patent Office  
File 349:PCT FULLTEXT 1983-2002/UB=20020502,UT=20020425  
(c) 2002 WIPO/Univentio

2/5/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01395089

**ELECTRONIC CHAT AND INSTANT MESSAGING WITH INK DATA**  
**ELEKTRONISCHES SCHAWTZCHEN UND SOFORTIGE NACHRICHTENUBERMITTLUNG MIT INK DATEN**

**BAVARDAGE ELECTRONIQUE ET MESSAGERIE INSTANTANEE AVEC DES DONNEES A L'ENCRE**  
PATENT ASSIGNEE:

INTEL CORPORATION, (322933), 2200 Mission College Boulevard, Santa Clara,  
CA 95052, (US), (Applicant designated States: all)

INVENTOR:

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TEIBEL, Daniel, 12017 NW Blackhawk Drive, Portland, OR 97229, (US)

PATENT (CC, No, Kind, Date):

WO 200198929 011227

APPLICATION (CC, No, Date): EP 2001941766 010601; WO 2001US17699 010601

PRIORITY (CC, No, Date): US 596926 000619

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/00

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020220 A2 International application. (Art. 158(1))

Application: 020220 A2 International application entering European  
phase

LANGUAGE (Publication,Procedural,Application): English; English; English

2/5/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01359856

**MEDICAL INFORMATION MANAGEMENT SYSTEM AND PATIENT INTERFACE APPLIANCE**  
**SYSTEME DE GESTION D'INFORMATIONS MEDICALES ET SYSTEME INTERFACE PATIENT**  
PATENT ASSIGNEE:

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KAIGLER, William, J. , 711 Altman Street, North Huntingdon, PA 15642,  
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TVERSKAYA, Julia , 474 West Charleston Road, Palo Alto, CA 94306, (US)

HUANG, Kenny, Chitai , 731 Timberpine Avenue, Sunnyvale, CA 94086, (US)

KWOK, Andrew , 43622 Skye Road, Fremont, CA 94539, (US)

PATENT (CC, No, Kind, Date):

WO 200173653 011004

APPLICATION (CC, No, Date): EP 2001920682 010322; WO 2001US9307 010322

PRIORITY (CC, No, Date): US 192071 P 000324; US 814143 010321

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

CITED PATENTS (WO A): US 5832448 A ; US 5301105 A ; US 5549117 A ; US  
5991729 A

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 011128 A1 International application. (Art. 158(1))

Application: 011128 A1 International application entering European  
phase  
LANGUAGE (Publication,Procedural,Application): English; English; English

2/5/3 (Item 3 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01352866

**METHOD AND SYSTEM FOR CONDUCTING INTERACTIVE BUSINESS PROCESSES AND  
COMMUNICATIONS**

**PROCEDE ET SYSTEME PERMETTANT D'EFFECTUER DES TRANSACTIONS ET DES  
COMMUNICATIONS COMMERCIALES INTERACTIVES**

**PATENT ASSIGNEE:**

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**INVENTOR:**

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SUN, Kejia, 338 Wyndham Circle East, New Brighton, MN 55112, (US)

QI-BIN, Bao, 9633 Yukon Avenue South, Bloomington, MN 55438, (US)

SHAO, Weiguang, 2039 Knapp Avenue E-1, St. Paul, MN 55108, (US)

PATENT (CC, No, Kind, Date):

WO 200169485 010920

APPLICATION (CC, No, Date): EP 2001910689 010214; WO 2001US4770 010214

PRIORITY (CC, No, Date): US 189104 P 000314; US 649830 000829

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 011114 A1 International application. (Art. 158(1))

Application: 011114 A1 International application entering European  
phase

LANGUAGE (Publication,Procedural,Application): English; English; English

2/5/4 (Item 4 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00724312

**Automatic code pattern generator for integrated circuit layout.**

**Automatischer Codemuster-Generator zum Layout einer integrierten Schaltung.**

**Generateur automatique de dessin de code pour le lay-out de circuit  
integre.**

**PATENT ASSIGNEE:**

WINBOND ELECTRONICS CORPORATION, (1730991), No. 2, R&D Road VI,  
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states: DE;FR;GB;IT;NL)

**INVENTOR:**

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Kuo, Mei-Ling, 5F, No.58, Lane 1050, Ming Hu Road, Hsinchu, (TW)

Huang, Kuo-Chih 10-2F, No.75, , Alley 25, Lane 734, Chung Hsin Road,  
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**LEGAL REPRESENTATIVE:**

Cohausz & Florack (100244), Patentanwalte Kanzlerstrasse 8a, D-40472  
Dusseldorf, (DE)

PATENT (CC, No, Kind, Date): EP 684571 A2 951129 (Basic)

# Search report

EP 684571 A3 960828  
 APPLICATION (CC, No, Date): EP 95106056 950422;  
 PRIORITY (CC, No, Date): US 248068 940523  
 DESIGNATED STATES: DE; FR; GB; IT; NL  
 INTERNATIONAL PATENT CLASS: G06F-017/50

## ABSTRACT EP 684571 A3

An automatic code pattern generator apparatus is disclosed which has a processor. The processor is for receiving a plurality of instructions including an instruction indicating a particular polygon specification associated with cells of at least one physical layer of a pre-programmed integrated circuit chip. The processor also receives at least one instruction indicating a regular ordered pattern of a plurality of the cells on the physical layers of the pre-programmed integrated circuit chip. The processor generates a code layer including a design of a layout of the polygons according to the regularly ordered pattern on the physical layers of the pre-programmed integrated circuit. The generated code layer also includes a mapping relationship between cell addresses, and corresponding ones of the cells associated with the polygons.

The processor may also receive information indicating variations in particular addressed cells associated with the polygons of the regularly ordered pattern of cells. In response to this information, the processor modifies the design of the layout to include variations in the particular addressed cells, e.g., variations in the polygons associated with the particular addressed cells, according to the information.

ABSTRACT WORD COUNT: 212

## LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 020109 A2 Date of dispatch of the first examination report: 20011121  
 Application: 951129 A2 Published application (A1with Search Report ;A2without Search Report)  
 Examination: 960110 A2 Date of filing of request for examination: 951116  
 Change: 960110 A2 Inventor (change)  
 Search Report: 960828 A3 Separate publication of the European or International search report

LANGUAGE (Publication,Procedural,Application): English; English; English

## FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	824
SPEC A	(English)	EPAB95	4847
Total word count - document A			5671
Total word count - document B			0
Total word count - documents A +B			5671

2/5/5 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00839970 \*\*Image available\*\*

**MEDICAL INFORMATION MANAGEMENT SYSTEM AND PATIENT INTERFACE APPLIANCE**  
**SYSTEME DE GESTION D'INFORMATIONS MEDICALES ET SYSTEME INTERFACE PATIENT**  
 Patent Applicant/Assignee:

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 SCARBERRY Eugene N , 208 Terrace Court Road, Trafford, PA 15085, US,

**KAIGLER William J** , 711 Altman Street, North Huntingdon, PA 15642, US,  
**TVERSKAYA Julia** , 474 West Charleston Road, Palo Alto, CA 94306, US,  
**HUANG Kenny Chitai** , 731 Timberpine Avenue, Sunnyvale, CA 94086, US,  
**KWOK Andrew** , 43622 Skye Road, Freemont, CA 94539, US

Legal Representative:

GASTINEAU Cheryl L (agent), Reed Smith LLP, P.O. Box 488, Pittsburgh, PA  
15230-0488, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200173653 A1 20011004 (WO 0173653)

Application: WO 2001US9307 20010322 (PCT/WO US0109307)

Priority Application: US 2000192071 20000324; US 2001814143 20010321

Designated States: AU BR CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 21083

English Abstract

A medical information system (Fig. 2-30) and method that stores and manages patient information and that enables a patient (Fig. 2-12) and an authorized third party, such as a friend or family member, to access the patient's medical information. The presentation format, substance of the patient's medical information provided, or both are customized depending on whether the patient (Fig. 2-12), a healthcare professional (Fig. 2-16) or the third party (Fig. 2-40) is accessing the patient's medical information. The present invention also pertains to a method of subsidizing such a medical information system (Fig. 2-30) by selling advertising space in the presentation shown to the third party, patient or healthcare professional. The present invention further pertains to a patient interface appliance that includes a display containing multiple viewing fields, one of which is a general information field and one of which is an advertising field, to present information and advertisements to a user during a patient interactive session. Patient participation in conducting the survey is fostered by offering a survey completion reward to the patient upon completing the survey.

French Abstract

L'invention concerne un systeme d'informations medicales (Fig. 2-30) et un procede permettant, d'une part, de stocker et de gerer des informations sur un patient et, d'autre part, d'autoriser un patient (Fig. 2-12) et un tiers habilite, tel qu'un ami ou un membre de la famille, a acceder a ces informations medicales. Le format de presentation et le contenu des informations medicales d'un patient peuvent etre personnalises en fonction de l'acces par un patient (Fig. 2-12), un professionnel de sante (Fig. 2 a 16) ou un tiers (Fig. 2-40) aux informations medicales. L'invention concerne egalement un procede permettant de subventionner le systeme (Fig. 2-30) grace a la vente d'espaces publicitaires dans la presentation destinee au tiers, au patient ou au professionnel de sante. L'invention concerne egalement un systeme interface patient comprenant un affichage presentant plusieurs champs de visualisation, l'un de ces champs consistant en un champ destine aux informations d'ordre general, et l'autre champ consistant en un champ publicitaire. Ledit affichage permet de presenter des informations et des annonces publicitaires a un utilisateur pendant une session interactive du patient. La participation du patient a l'enquete est encouragee par une recompense qui est offerte pour toute enquete completee.

Legal Status (Type, Date, Text)  
Publication 20011004 A1 With international search report.  
Examination 20020103 Request for preliminary examination prior to end of  
19th month from priority date

2/5/6 (Item 2 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00835837 \*\*Image available\*\*

**METHOD AND SYSTEM FOR CONDUCTING INTERACTIVE BUSINESS PROCESSES AND COMMUNICATIONS**

**PROCEDE ET SYSTEME PERMETTANT D'EFFECTUER DES TRANSACTIONS ET DES COMMUNICATIONS COMMERCIALES INTERACTIVES**

Patent Applicant/Assignee:

FULTON INTERNATIONAL CORPORATION, Suite 780, 3800 West 80th Street,  
Minneapolis, MN 55431, US, US (Residence), US (Nationality)

Inventor(s):

ZHANG Yan, 7016 Weston Circle, Edina, MN 55439, US,  
SUN James J , 338 Wyndham Circle East, New Brighton, MN 55112, US,  
ZHANG Julia, 7016 Weston Circle, Edina, MN 55439, US,  
SUN Kejia, 338 Wyndham Circle East, New Brighton, MN 55112, US,  
QI-BIN Bao, 9633 Yukon Avenue South, Bloomington, MN 55438, US,  
SHAO Weiguang, 2039 Knapp Avenue E-1, St. Paul, MN 55108, US

Legal Representative:

PADMANABHAN Devan V (et al) (agent), Dorsey & Whitney LLP, Pillsbury  
Center South, 220 South Sixth Street, Minneapolis, MN 55402-1498, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169485 A1 20010920 (WO 0169485)

Application: WO 2001US4770 20010214 (PCT/WO US0104770)

Priority Application: US 2000189104 20000314; US 2000649830 20000829

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 19138

English Abstract

A method for setting up an interactive business process for a plurality of users, see figure 2. The method comprises accepting definition instructions from a user, (connection to Users via Internet) and accepting data fields to contain information for the business process, (16) wherein the act of accepting definition instructions allows the user to create a user-definable business process, and wherein the accessibility of certain information is a function of time and system user authority.

French Abstract

L'invention se rapporte a un procede d'etablissement d'un processus



commercial interactif pour une pluralite d'utilisateurs (Fig. 2). Ledit procede consiste a accepter des instructions de definition emanant d'un utilisateur (connexion aux utilisateurs via Internet) et a accepter que des champs de donnees contiennent des informations associees au processus commercial, (16) le fait d'accepter les instructions de definition permettant a l'utilisateur de creer un processus commercial definissable par l'utilisateur et la possibilite d'accéder a certaines informations etant fonction du temps et du droit d'accès des utilisateurs du systeme.

Legal Status (Type, Date, Text)

Publication 20010920 A1 With international search report.

# Search report

S1 7973 (MEDICINE? OR MEDICAL OR HEALTH OR TREATMENT OR THERAPY OR THERAPIES OR CARE) (2N) (RECORD? OR DOCUMENT? OR FILE? OR REPORT? OR BRIEF? OR INFORMATION) OR EMR

S2 934918 PATIENT? OR INVALID OR SUBJECT? OR (SICK OR ILL) ( ) PERSON? - OR INDIVIDUAL OR PERSONAL OR PRIVATE?

S3 1821597 (THIRD OR 3RD OR OUTSIDE) ( ) (PARTY, OR PARTIES) OR FRIEND? OR FAMILY ( ) MEMBER? OR RELATIVE? OR RELATION? OR LAWYER? OR ATTORNEY? OR ADVOCATE? OR GUARDIAN? OR AGENT? OR CUSTODIA? OR REPRESENTATIVE?

S4 31599 HEALTH ( ) CARE ( ) PROFESSIONAL? OR DOCTOR? OR PHYSICIAN? OR MD OR NURSE? OR RN OR LPN OR CLINICIAN? OR SPECIALIST? OR THERAPIST? OR LAB? ( ) TECHNICIAN? OR PHARMACIST? OR DRUGGIST? OR INSURANCE ( ) COMPANY? OR HMO OR PPO OR MEDICAID OR MEDICARE

S5 1174535 PROFILE? OR HISTORY? OR RECORD? OR TARGET? OR CUSTOMIZ? OR (INDIVIDUAL OR PERSONAL) ( ) (SPECIFICATION? OR GOAL? OR OBSERVATION? OR ADVISE OR ADVICE OR RECOMMEND?)

S6 1803570 AD OR ADS OR ADVERT? OR PUBLIC? OR PLACARD OR COMMERCIAL - OR PROMO? OR BANNER? OR CATALOG? OR DESKTOP ( ) BRAND? OR POPUNDER OR POPUP OR POP ( ) (UNDER OR UP) OR COMMERCIAL ( ) (MESSAGE? OR SPOT?) OR SUBSICIZ? OR SUPPORT? OR FINANC? OR ASSIST?

S7 83179 QUESTIONNA? OR SURVEY? OR INQUIR? OR STUDY OR STUDIES OR CANVASS? OR POLL OR POLLS OR RESEARCH? OR INVESTIGAT?

S8 1224739 LOYALTY OR INCENTIVE? OR INDUCEMENT? OR ENCOURAGEMENT? OR - LURE? OR BONUS OR POINT? OR AWARD? OR PREMIUM? OR REWARD? OR - PROGRAM? OR COUPON?

S9 27386 TELEMEDICINE OR (LONG ( ) DISTANCE OR REMOTE) ( ) MEDICINE OR TELECOMMUNICAT? OR HEALTH ( ) CARE ( ) SERVICE? OR (OFF ( ) SITE OR OFFSITE) ( ) DATABASE? OR TELEHEALTH OR TELEHEALING OR TELE ( ) (HEALTH OR HEALING OR MEDICINE) OR HOME ( ) CARE

S10 2531194 WWW OR W ( ) W ( ) W OR WORLDWIDE ( ) WEB OR WORLD ( ) WIDE ( ) WEB OR INTERNET OR ONLINE OR ON ( ) LINE OR COMMUNICAT? OR (CONNECTED OR - COMPUTER) ( ) NETWORK? OR ELECTRONIC OR DIGITAL

S11 0 S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9

S12 7 S1 AND S2 AND S3 AND S4 AND S5 AND S6

S13 20 S1 AND S2 AND S3 AND S4 AND S5

S14 44 S1 AND S2 AND S3 AND S4

S15 0 S14 AND S9

S16 6 S14 AND S7

S17 10 S14 AND S8

S18 16 S14 AND S6

S19 21 S1 AND S3 AND S4 AND S6

S20 2229 S1 AND S10

S21 399 S20 AND (S3 OR S4)

S22 82 S21 AND S6

S23 6 S22 AND S7

S24 43 S22 AND S5

S25 10 S24 AND S8

S26 62 S14 OR S19 OR S23 OR S25

S27 62 IDPAT (sorted in duplicate/non-duplicate order)

S28 61 IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct/1976-2001/Dec(Updated 020503)  
(c) 2002 JPO & JAPIO

File 350:Derwent WPIX 1963-2001/UD,UM &UP=200228  
(c) 2002 Thomson Derwent

28/5/1 (Item 1 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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014405320 \*\*Image available\*\*  
 WPI Acc No: 2002-226023/200228  
 XRPX Acc No: N02-173414

**Caregivers assisting method in hospital, involves transmitting vital information such as emergency information, medical data, health status data, in response to request from caregiver**

Patent Assignee: BODEN J B (BODE-I)

Inventor: BODEN J B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020019753	A1	20020214	US 2000223140	P	20000807	200228 B
			US 2001922827	A	20010806	

Priority Applications (No Type Date): US 2000223140 P 20000807; US 2001922827 A 20010806

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020019753	A1	51	G06F-017/60	Provisional application US 2000223140

Abstract (Basic): US 20020019753 A1

NOVELTY - A life ledger comprising web pages for entry of vital information such as emergency **information**, **medical data**, **health status data**, **support people data**, is accessed through **Internet**. A server computer outputs vital information in response to the request from a caregiver.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) System for **assisting** caregiver;
- (b) Computer **program** product for **assisting** caregiver;
- (c) Article of manufacture comprising **recorded** medium stored with caregivers **assistance program**

USE - In hospitals and other institutions for **assisting** caregivers such as **nurse**, **doctor**, health care aid, **lawyer**, **physician** 's aid in caring for an **individual**.

ADVANTAGE - Caregivers can provide high quality care efficiently to several individuals, without using incorrect or old vital information. The **assisting** system is secure, accurate and is time saving.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram explaining operation of computer software **program** that generates life ledger pages and associated life buoys.

pp; 51 DwgNo 3/40

Title Terms: **ASSIST**; METHOD; HOSPITAL; TRANSMIT; VITAL; INFORMATION; EMERGENCY; INFORMATION; MEDICAL; DATA; HEALTH; STATUS; DATA; RESPOND; REQUEST

Derwent Class: S05; T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

28/5/2 (Item 2 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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014374561 \*\*Image available\*\*  
 WPI Acc No: 2002-195264/200225  
 Related WPI Acc No: 2002-147752

XRAM Acc No: C02-060284

XRPX Acc No: N02-148345

**Medical data provider system comprises wireless communication device, and computer network including memory device**

Patent Assignee: DEKRAFFT C E (DEKR-I); NEMETH L G (NEME-I); TUCK R S (TUCK-I); VANDERBURG C R (VAND-I)

Inventor: DEKRAFFT C E; NEMETH L G; TUCK R S; VANDERBURG C R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020016719	A1	20020207	US 2000596325	A	20000619	200225 B
			US 2001883708	A	20010618	

Priority Applications (No Type Date): US 2001883708 A 20010618; US 2000596325 A 20000619

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020016719	A1	22	G06F-017/60	CIP of application US 2000596325

Abstract (Basic): US 20020016719 A1

NOVELTY - A medical data provider system comprising:

(a) a wireless **communication**, which receives medical data from a monitor borne by an ambulatory **patient**, and transmits at least some of the medical data; and

(b) a **computer network** is provide which receives the medical data transmitted by the **communication** device, and comprises a memory device for storing a configurable notification record, is new.

DETAILED DESCRIPTION - A medical data provider system comprising:

(a) a wireless **communication** device for receiving medical data from a monitor (12) borne by an ambulatory **patient** and transmitting some of the medical data, where the data is physiological or biological status of the **patient** and exogenous material administered to the **patient** ;

(b) a **computer network** for receiving the medical data transmitted comprising a memory device for storing a configurable notification record to define distribution parameter(s) selected from a **third party** to be provided with the medical data, a type of medical data to be provided to the **third party**, a medium over which an alert based upon the medical data is to be provided to the **third party**, and/or conditions under which the alert is to be provided to the **third party**, where the network also transmits at least one of the **medical data, information** related to the medical data and an alert based on the medical data to the **third party** located remotely from the **patient** in accordance with the distribution parameters defined by the configurable notification system, is new.

An INDEPENDENT CLAIM is also included for a method of providing medical data to a **third party** employing the inventive medical data provider system.

USE - For use in providing medical data received from a remotely located **patient** to a **third party** including **patient's physician**, pharmaceutical companies, biotechnology companies, **research** institutions, and clinical trial organizations.

ADVANTAGE - The inventive system can permit the **patients** to provide their medical data to their **physicians** without the need to visit their **physician's** office. Further, an abnormal condition of the **patient** can be readily treated, and the **third party** can prescribe remedial action to be taken in advance of the **patient** actually entering into an abnormal state based upon the trends in the medical data and the knowledge of the **third party** regarding the medical history of the **patient**.

DESCRIPTION OF DRAWING(S) - The figure is a schematic

representation of the medical data provider system.

Wireless **communication** device (14)

**Computer network** (22)

Monitor (12)

pp; 22 DwgNo 1/5

Title Terms: MEDICAL; DATA; SYSTEM; COMPRISE; WIRELESS; **COMMUNICATE** ;  
DEVICE; COMPUTER; NETWORK; MEMORY; DEVICE

Derwent Class: B04; D16; S05; T01

International Patent Class (Main): G06F-017/60

File Segment: CPI; EPI

28/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014343680 \*\*Image available\*\*

WPI Acc No: 2002-164383/200221

XRPX Acc No: N02-125498

**Second opinion acquisition** assisting **system in which** medical  
information **provider has database where** doctors and medical  
**institutions that agree to provide second opinion are stored by**  
**department**

Patent Assignee: TOSHIBA KK (TOKE )

Inventor: IKEDA S; KOSAKU H

Number of Countries: 023 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200197111	A1	20011220	WO 2000JP6582	A	20000925	200221 B

Priority Applications (No Type Date): JP 2000179887 A 20000615

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200197111 A1 J 41 G06F-017/60

Designated States (National): CN JP KR SG US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

Abstract (Basic): WO 200197111 A1

NOVELTY - Information that a **doctor** or medical institution is  
asked to make includes a **patient** information inputted through a  
**patient** terminal and data on a current treatment of the **patient** read  
out of the specific medical institution. The asked **doctor** or medical  
institution make a diagnosis on the basis of the information and sends  
the results of the diagnosis as a second opinion to the requester.

USE - For enabling a **patient** to be diagnosed by a **third party**  
while the **patient** is under a specific medical institution.

pp; 41 DwgNo 1/13

Title Terms: SECOND; OPINION; ACQUIRE; **ASSIST** ; SYSTEM; MEDICAL;  
INFORMATION; DATABASE; **DOCTOR** ; MEDICAL; INSTITUTION; AGREE; SECOND;  
OPINION; STORAGE; DEPARTMENT

Derwent Class: S05; T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

28/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014343431

WPI Acc No: 2002-164134/200221

XRAM Acc No: C02-050597

**Isolated polynucleotide, comprising a polymorphic variant of the acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase) gene useful for providing haplotype information and in therapy for treating related disorders**

Patent Assignee: DUDA A E (DUDA-I); GENAISSANCE PHARM INC (GENA-N)

Inventor: CHEW A; KOSHY B

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200187903	A2	20011122	WO 2001US14330	A	20010503	200221 B
AU 200157518	A	20011126	AU 200157518	A	20010503	200222

Priority Applications (No Type Date): US 2000205022 P 20000518

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200187903 A2 E 89 C07H-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200157518 A C07H-000/00 Based on patent WO 200187903

Abstract (Basic): WO 200187903 A2

NOVELTY - An isolated polypeptide (V) which is a polymorphic variant (PV) of a reference sequence (refs) for the ACAA1 protein or a fragment, where the refs comprises the fully defined 424 amino acid sequence (S1) given in the specification and the PV is encoded by an isogene as defined by one of the haplotypes shown in Table 4, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) a recombinant nonhuman organism (II) (preferably a nonhuman transgenic animal) transformed or transfected with (I), where (II) expresses an ACAA1 protein encoded by (Ia);

(2) an isolated polynucleotide (I) comprising a sequence selected from: (a) a first sequence (Ia) that is a polymorphic variant (PV) of a reference sequence (refs) for the acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase) (ACAA1) gene or fragment, where the refs comprises the fully defined 22028 nucleobase sequence (N1) given in the specification and the PV comprises an ACAA1 isogene defined by a haplotype selected from haplotypes 1-16 fully defined in Table 4 given in the specification, and the fragment comprises at least one polymorphism (PM) selected from adenine at polymorphic site 1 (PS1), adenine at PS2, thymine at PS3, thymine at PS4, adenine at PS5, cytosine at PS6, guanine at PS7, adenine at PS8, guanine at PS9, thymine at PS10, cytosine at PS11, thymine at PS12, guanine at PS13, cytosine at PS14, cytosine at PS15, cytosine at PS16, guanine at PS17, thymine at PS18 and thymine at PS19; and (b) a second sequence (Ib) complementary to (Ia).

(3) an isolated polynucleotide (III) comprising a sequence which is a PV of a refs for the ACAA1 cDNA or a fragment, where the refs comprises the fully defined 1276 nucleobase sequence (N2) given in the specification and the PV comprises the coding sequence of an ACAA1 isogene defined by one of the haplotypes shown in Table 4;

(4) a recombinant nonhuman organism (IV) (preferably a nonhuman transgenic animal) transformed or transfected with (III), where (IV) expresses an ACAA1 protein encoded by the PV sequence;

(5) an isolated antibody (VI) specific for and immunoreactive with

(V);

(6) screening (M1) for drugs **targeting** (V) comprising contacting the ACAA1 PV with a candidate **agent** and assaying for binding activity;

(7) a computer system (VII) for storing and analyzing PM data for ACAA1 gene, comprising: (a) a central processing unit (CPU); (b) a **communication** interface; (c) a display device; (d) an input device; and (e) a database containing the PM data; where the PM data comprises the genotypes and the haplotype pairs fully defined in Table 3 given in the specification and the haplotypes shown in Table 4;

(8) a genome anthology (VIII) for the ACAA1 gene that comprises ACAA1 isogenes defined by any one of haplotypes 1-16 shown in Table 4;

(9) haplotyping (M2) the ACAA1 gene of an individual that comprise determining whether the individual has one of the ACAA1 haplotypes shown in Table 4 or one of the haplotype pairs shown in Table 3;

(10) genotyping (M3) the ACAA1 gene of an individual, comprising determining for the two copies of the ACAA1 gene present the identity of the nucleotide pair at one or more PS selected from PS1-19;

(11) predicting (M4) a haplotype pair for the ACAA1 gene comprising: (a) identifying an ACAA1 genotype, where the genotype comprises the nucleotide pair at two or more PS selected from PS1-19; (b) enumerating all possible haplotype pairs which are consistent with the genotype; (c) comparing the possible haplotype pairs to the data in Table 3; and (d) assigning a haplotype pair to the individual that is consistent with the data;

(12) identifying (M5) an association between a trait and at least one haplotype or haplotype pair of the ACAA1 gene which comprises comparing the frequency of the haplotype or haplotype pair in a population exhibiting the trait with the frequency of the haplotype or haplotype pair in a reference population, where the haplotype is selected from haplotypes 1-16 in Table 4 and the haplotype pair is selected from those shown in Table 3, where a higher frequency of the haplotype or haplotype pair in the trait population than in the reference population indicates the trait associated with the haplotype or haplotype pair;

(13) a composition (IX) comprising at least one genotyping oligonucleotide for detecting a PM in the ACAA1 gene at a PS selected from PS1-19; and

(14) a kit (X) for genotyping the ACAA1 gene comprising a set of oligonucleotides designed to genotype each of PS1-19.

ACTIVITY - None given in the source material.

MECHANISM OF ACTION - Antisense therapy.

No **supporting** data given.

USE - (I) is useful for providing haplotype and genotype information of an individual (claimed). Furthermore, (I) is useful for the treatment of disorders related to its abnormal expression or function.

pp; 89 DwgNo 0/3

Title Terms: ISOLATE; POLYNUCLEOTIDE; COMPRISE; POLYMORPHIC; VARIANT;

ACETYL; COENZYME; COENZYME; GENE; USEFUL; INFORMATION; THERAPEUTIC; TREAT  
; RELATED; DISORDER

Derwent Class: B04; D16

International Patent Class (Main): C07H-000/00

File Segment: CPI

28/5/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014285034 \*\*Image available\*\*

Search report

WPI Acc No: 2002-105735/200214

XRPX Acc No: N02-078666

Medical information accessing method through Internet, involves  
determining sources of patient 's medical record and providing  
searched record to users after acquiring approval from physician

Patent Assignee: DICK R S (DICK-I)

Inventor: DICK R S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010053986	A1	20011220	US 2000596810	A	20000619	200214 B
			US 2001794983	A	20010227	

Priority Applications (No Type Date): US 2001794983 A 20010227; US  
2000596810 A 20000619

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010053986	A1	18	G06F-017/60	CIP of application	US 2000596810

Abstract (Basic): US 20010053986 A1

NOVELTY - The request for a **patient 's medical record** is forwarded from a user to a central server (62). The sources of the **patient 's medical record** are determined by the server in response to the received request. The **medical records** are searched within the sources and a record report containing the **patient medical information** is returned to users, after obtaining the approval from a **physician**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) **Medical information** provision method;
- (b) **Medical record** location determination method

USE - For accessing **medical information** by **doctors**, **pharmacists** and other healthcare providers to provide **physician** reference, diagnosis, medical research, medical training, insurance policy through Internet.

ADVANTAGE - Since access is electronic, response time is reduced. Also the information requesters do not have to incur traditional fees for **agents** to travel and retrieve information. Enables healthcare facilities and providers, clinics, hospitals, pharmacies, laboratories to share and exchange information, thereby improving quality and efficiency of healthcare services.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of **medical information** accessing method.

Central server (62)

pp; 18 DwgNo 6/7

Title Terms: MEDICAL; INFORMATION; ACCESS; METHOD; THROUGH; DETERMINE;  
SOURCE; **PATIENT**; MEDICAL; RECORD; SEARCH; RECORD; USER; AFTER; ACQUIRE;  
APPROVE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

28/5/6 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014205373 \*\*Image available\*\*

WPI Acc No: 2002-026070/200203

XRPX Acc No: N02-020101

Navigation and cataloging system in Internet, provides diagrammatic



**display for selection of location and a specific category associated with selected location**

Patent Assignee: YOURDOCTOR.COM (YOUR-N)

Inventor: DOLEZALEK J S; NORMAN J

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200180097	A2	20011025	WO 2001US40510	A	20010412	200203 B
AU 200153889	A	20011030	AU 200153889	A	20010412	200219

Priority Applications (No Type Date): US 2000547781 A 20000412

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200180097 A2 E 34 G06F-017/30

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200153889 A G06F-017/30 Based on patent WO 200180097

Abstract (Basic): WO 200180097 A2

NOVELTY - A database stores contents having several diagrams and specific category of information and/or activity associated with the distinct locations on diagrams. A server provides a diagrammatic display for selection of locations, and specific category associated with selected location, to provide contents associated with the received request.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Navigating and **cataloging** method;
- (b) Navigation and **cataloging** apparatus;
- (c) Computer software product

USE - Navigation and **cataloging** system for providing access to information, goods and services including health care, computers, travel, **finance**, business, law, agriculture, communication, retail sales, wholesale sales, food, entertainment over Internet. Also for hospitals, clinics, universities, governments, associations, pharmaceutical and device manufacturers, sales **representatives**, **doctors**, **patients**, employees and **financial** suppliers. Especially for providing **health - care information** related to ailments, conditions, services, drugs, devices, **financial** and other pertinent topics and for providing diagnostic, therapeutic and treatment steps for diseases such as cancer or heart and cardiovascular diseases, cervical carcinoma, prostate cancer and also for diseases during pregnancy or child-rearing.

ADVANTAGE - The provision of diagrams allows user to navigate quickly to the field of interest and to position on a particular points with the graphical interface corresponding to his requirement.

DESCRIPTION OF DRAWING(S) - The figure shows an health map for clinical stage II melanoma.

pp; 34 DwgNo 1/7

Title Terms: NAVIGATION; SYSTEM; DISPLAY; SELECT; LOCATE; SPECIFIC;

CATEGORY; ASSOCIATE; SELECT; LOCATE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

Search report

DIALOG(R)File 350:Derwent WPIX  
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014164380 \*\*Image available\*\*  
WPI Acc No: 2001-648608/200174  
XRPX Acc No: N01-484615

**Secure electronic payment method and system for consumer debts over the Internet , has a security server that uses a separate port and a session key for processing a client request**

Patent Assignee: INGLIS F (INGL-I)  
Inventor: INGLIS F  
Number of Countries: 055 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200176183	A2	20011011	WO 2001US9175	A	20010321	200174 B
AU 200149342	A	20011015	AU 200149342	A	20010321	200209

Priority Applications (No Type Date): US 2000540193 A 20000330  
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200176183	A2	E 47	H04L-029/00	
Designated States (National): AE AU CA CN CO CZ GE HU ID IL IN JP KR MA MX NO NZ PL SG SK UA ZA				
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW				
AU 200149342	A		H04L-029/00	Based on patent WO 200176183

Abstract (Basic): WO 200176183 A2

NOVELTY - Security server software continuously runs on a server (140) and payor software that runs on demand on a payor computer system (120). The payor sends a client request for transaction over a network (100) and the security server responds with a message to the payor to switch to separate transaction port. The final session key used for transaction have portions generated dynamically and selected portions of the payor **profile** information.

USE - **Electronic** commerce services in **support** of a banks and other **financial** institutions. The system may be adapted to process transactions for **medical records** , prescriptions, audio-visual files, court documents and any other sensitive or confidential information.

ADVANTAGE - The hardware specific information is encrypted and stored with the payor **profile** information in the security server database or on both computers to account for subsequent changes in the hardware and can be used to uniquely identify the computer **program** and allows verification and identification during future transactions. The client request for a connection and the server response to switch to a separate transaction port which is dynamically assigned and changes for each independently created session, improves further the security of the transaction. The shared final value which is known by both computers is never transmitted therefore can not be intercepted by a **third party** and this one-way function interception data provides an high level of security for each transaction.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of the system.

Network (100)  
Payor computer (120)  
Payee Computer (130)  
Security server (140)  
pp; 47 DwgNo 2/4

Title Terms: SECURE; **ELECTRONIC** ; PAY; METHOD; SYSTEM; CONSUME; SECURE;  
SERVE; SEPARATE; PORT; SESSION; KEY; PROCESS; CLIENT; REQUEST

Search report

Derwent Class: T01; T05; W01  
International Patent Class (Main): H04L-029/00  
File Segment: EPI

28/5/8 (Item 8 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
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014159256 \*\*Image available\*\*  
WPI Acc No: 2001-643484/200174  
XRPX Acc No: N01-481472

**Medical support system in hospitals, records customized medical treatment or hospital management information in database which are output as public relation information when required**

Patent Assignee: HIP YG (HIPH-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001256303	A	20010921	JP 200070244	A	20000314	200174 B

Priority Applications (No Type Date): JP 200070244 A 20000314

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001256303 A 5 G06F-017/60

Abstract (Basic): JP 2001256303 A

NOVELTY - The medical treatment or hospital management information is customized by a **doctor**, **nurse** or personals working in the hospital (10) and recorded in a database through a communication network (50). The **doctors**, **nurses** or personals retrieve required information from the database and output the information as public **relation** information.

USE - Used in hospitals, infirmaries, etc., for improving medical services.

ADVANTAGE - **Promotes** good **relationship** between hospital personals and public.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram of medical **support** system.

Hospital (10)  
Communication network (50)  
pp; 5 DwgNo 1/1

Title Terms: MEDICAL; **SUPPORT**; SYSTEM; HOSPITAL; RECORD; MEDICAL; TREAT; HOSPITAL; MANAGEMENT; INFORMATION; DATABASE; OUTPUT; PUBLIC; RELATED; INFORMATION; REQUIRE

Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

28/5/9 (Item 9 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
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014121102 \*\*Image available\*\*  
WPI Acc No: 2001-605314/200169  
XRAM Acc No: C01-179611  
XRPX Acc No: N01-451889

**Medicine envelope for storing prescribed medicine, has patient 's name and information of medicine and marks of different colors for each patient , printed on its surface**

# Search report

Patent Assignee: SAITAMA MEDICOM KK (SAIT-N)  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001190640	A	20010717	JP 20002253	A	20000111	200169 B

Priority Applications (No Type Date): JP 20002253 A 20000111

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001190640	A	4	A61J-001/14	

Abstract (Basic): JP 2001190640 A

NOVELTY - The medicine envelope storing the prescribed medical agent, has patient's name, information regarding the medical agent, printed on its surfaces (1a,1b). Marks (2a,2b) of different colors for each patient are also printed on the surface of the medicine envelope.

USE - For storing medicine prescribed by doctor at hospital or infirmary.

ADVANTAGE - The efficiency of pharmacy work is increased by finding a specific patient's medicine envelope quickly out of many medicine envelopes, as marks of different colors for each patient are printed on the surface of the envelope.

DESCRIPTION OF DRAWING(S) - The figure shows the front elevation of the medicine envelope. (Drawing includes non-English language text).

Medicine envelope surfaces (1a,1b)

Marks (2a,2b)

pp; 4 DwgNo 1/2

Title Terms: MEDICINE; ENVELOPE; STORAGE; PRESCRIBED; MEDICINE; PATIENT ; NAME; INFORMATION; MEDICINE; MARK; PATIENT ; PRINT; SURFACE

Derwent Class: B07; P33; Q32

International Patent Class (Main): A61J-001/14

International Patent Class (Additional): B65D-027/00

File Segment: CPI; EngPI

28/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014096620 \*\*Image available\*\*

WPI Acc No: 2001-580834/200165

XRPX Acc No: N01-432608

Computer system for displaying targeted healthcare information to computer user has communications network for transmitting healthcare related information from at least one of devices to selecting computer for storage in database

Patent Assignee: RECARE INC (RECA-N)

Inventor: DAHLIN M; GRIFFIN C; LIPSCHER R

Number of Countries: 092 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200135376	A1	20010517	WO 2000US31253	A	20001110	200165 B
AU 200117643	A	20010606	AU 200117643	A	20001110	200165

Priority Applications (No Type Date): US 99440557 A 19991115; US 99165056 P 19991112

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200135376	A1	E 135	G09B-019/00	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN

Search report

CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG  
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200117643 A G09B-019/00 Based on patent WO 200135376

Abstract (Basic): WO 200135376 A1

NOVELTY - A database (112) stores healthcare related information and healthcare product information connected to the healthcare product information-selecting computer. A **communications** network (123) transmits healthcare related information from at least one of the devices to the selecting computer for storage in the database. A patient's (103) selecting computer (121) selects healthcare product information for displaying.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

- (a) a method of displaying **targeted** healthcare product information to computer user
- (b) a computer implemented method for displaying **targeted** healthcare product information to healthcare provider
- (c) a software **program** product embodied on a computer readable medium

USE - In **health care information** and delivery services for connecting patients, health care providers, health care services, medical facilities, pharmacies, health product vendors and **health information** providers through a **health care information** and delivery management system that also facilitates **advertising** and health related **electronic** commerce using a global **communications** network.

ADVANTAGE - Provides integrated health **care** and product **information** to small groups or even specific individuals via the **Internet** that can **target physicians** and their patients in a highly **targeted** and coordinated manner. Capable to synchronize health **care** and product **information** and **advertising** directed to groups and specific individuals via the **Internet**.

DESCRIPTION OF DRAWING(S) - The drawing shows the network **health information** management system according to the present invention.

patient (103)  
database (112)  
computer (121)  
network (123)  
pp; 135 DwgNo 3/32

Title Terms: COMPUTER; SYSTEM; DISPLAY; INFORMATION; COMPUTER; USER;  
**COMMUNICATE** ; NETWORK; TRANSMIT; RELATED; INFORMATION; ONE; DEVICE;  
SELECT; COMPUTER; STORAGE; DATABASE

Derwent Class: P85; S05; T01

International Patent Class (Main): G09B-019/00

File Segment: EPI; EngPI

28/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014095121 \*\*Image available\*\*

WPI Acc No: 2001-579335/200165

Related WPI Acc No: 1998-230268

XRAM Acc No: C01-171980

**Breast pump for collecting biological sample from mammary organ of patient for evaluation, diagnose and management of breast disease, e.g. cancer, includes solid phase sample collection medium**

Search report

Patent Assignee: ATOSSA HEALTHCARE INC (ATOS-N)  
Inventor: QUAY D L; QUAY S C  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6287521	B1	20010911	US 96709207	A	19960827	200165 B
			US 9827362	A	19980220	

Priority Applications (No Type Date): US 9827362 A 19980220; US 96709207 A 19960827

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6287521	B1	31	G01N-033/48		CIP of application US 96709207 CIP of patent US 5798266

Abstract (Basic): US 6287521 B1

NOVELTY - A breast pump (10) comprises a non-porous breast engaging member (14) to receive at least a nipple (16) of a breast (17) of the **patient** and form a suction seal with the breast; a solid phase sample collection medium in fluid communication with the breast engaging member; and a vacuum pump (160) in gaseous connection with the breast engaging member to facilitate breast fluid expression.

DETAILED DESCRIPTION - A breast pump comprises a non-porous breast engaging member to receive at least a nipple of a breast of the **patient** and form a suction seal with the breast; a solid phase sample collection medium in fluid communication with the breast engaging member for receiving a sample of expressed breast fluid; and a vacuum pump in gaseous connection with the breast engaging member to facilitate breast fluid expression. The solid phase sample collection medium is a microscopic glass slide, a capillary tube, a collection tube, a column, a micro-column, a well, a plate, a membrane, a filter, a resin, an inorganic matrix, a bead, a particulate chromatographic medium, a plastic microparticle, a latex particle, a coated tube, a coated template, a coated bead, and/or a coated matrix.

USE - For collecting a biological sample from a mammary organ of a **patient** for evaluation, diagnose and management of breast disease, e.g. infections, pre-cancerous conditions, cancer susceptibility, and cancer.

ADVANTAGE - The inventive breast pump is non-invasive and is applicable to a broad range of **patients**. It provides highly specific prognostic and/or **treatment**-related **information** to the **clinician**.

DESCRIPTION OF DRAWING(S) - The figure is a partial sectional view of the inventive breast pump.

Breast pump (10)  
Breast engaging member (14)  
Nipple (16)  
Breast (17)  
Sample collection housing (30)  
Vacuum pump (160)  
pp; 31 DwgNo 1/15

Title Terms: BREAST; PUMP; COLLECT; BIOLOGICAL; SAMPLE; MAMMARY; ORGAN; **PATIENT**; EVALUATE; DIAGNOSE; MANAGEMENT; BREAST; DISEASE; CANCER; SOLID; PHASE; SAMPLE; COLLECT; MEDIUM

Derwent Class: B04

International Patent Class (Main): G01N-033/48

International Patent Class (Additional): A61N-001/00; A61N-001/06;  
G01N-033/53

File Segment: CPI

28/5/12 (Item 12 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
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014086680 \*\*Image available\*\*  
 WPI Acc No: 2001-570894/200164  
 XRAM Acc No: C01-169778  
 XRPX Acc No: N01-425430

**Secured database system for storing genetic information, useful for product development, e.g. diagnostics, comprises server coupled with worldwide network of computers**

Patent Assignee: DNA SCI INC (DNAS-N); KEAN J R (KEAN-I); RIENHOFF H Y (RIEN-I)

Inventor: KEAN J R; RIENHOFF H Y; JONES H B; RIENHOFF Y H

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200169430	A1	20010920	WO 2001US8495	A	20010315	200164 B
AU 200145811	A	20010924	AU 200145811	A	20010315	200208
US 20020019746	A1	20020214	US 2000190359	P	20000316	200214
			US 2000190360	P	20000316	
			US 2001808442	A	20010313	

Priority Applications (No Type Date): US 2001808442 A 20010313; US 2000190359 P 20000316; US 2000190360 P 20000316; US 2000209843 P 20000606; US 2000209876 P 20000606; US 2001805619 A 20010313; US 2001805813 A 20010313

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200169430	A1	E	68	G06F-017/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200145811 A G06F-017/00 Based on patent WO 200169430

US 20020019746 A1 G06F-017/60 Provisional application US 2000190359

Provisional application US 2000190360

Abstract (Basic): WO 200169430 A1

NOVELTY - A secured database system for maintaining genotypic and phenotypic data comprising a secure database, and a server coupled with a worldwide network of computers, is new. The server is configured to host a web site that creates trust of the web site by users. A secured area of the web site is configured to transmit instruction for submitting biological samples.

DETAILED DESCRIPTION - A secured database system for maintaining genotypic and phenotypic data comprising a secure database, and a server coupled with a worldwide network of computers, is new. The server is configured to host a web site that creates trust of the web site by users. A secured area of the web site is configured to transmit instruction for submitting biological samples. The system further includes a module for identifying prospective volunteers from the web site users, a module for inviting the prospective volunteer to submit phenotypic data and biological samples, a module for populating the secured database with the received phenotypic data, a module for populating the secured database with the genetic information obtained from the received biological samples, a module for prompting volunteers to provide new phenotypic data, and a module for receiving the prompted

new phenotypic data and for populating the secured database with the prompted new phenotypic data.

INDEPENDENT CLAIMS are also included for the following:

(1) populating the secured database with genotypic and phenotypic data;

(2) a system for populating the database for further medical characterization comprising a module for populating the database with user **health information**; and

(3) a system for aggregating persons with a select profile for further medical **studies**, the system for aggregating comprises a general portal server coupled to worldwide network of computers, a health portal server coupled to the general portal server, and a patient aggregate server coupled to the health portal server.

USE - The database system is used for storing genetic information useful for product development, e.g. diagnostics, therapeutic selection, behavior modification, and drug discovery. It can be used in pharmaceutical industry to **assist** in the evaluation of drug efficacy, pharmacogenomics, and drug resistance.

ADVANTAGE - The database system stores information that can be employed to determine **relationships** among gene sequences with the same genome and among different genomes. It provides a select group of people with specific or desirable characteristics for a clinical trial for a pharmaceutical or drug product or medical procedure. It can also allow for the discovery of diagnostic and prognostic procedures.

DESCRIPTION OF DRAWING(S) - The drawing shows a simplified diagram of a secured database system.

pp; 68 DwgNo 4/13

Title Terms: SECURE; DATABASE; SYSTEM; STORAGE; GENETIC; INFORMATION; USEFUL; PRODUCT; DEVELOP; DIAGNOSE; COMPRISE; SERVE; COUPLE; WORLD; NETWORK; COMPUTER

Derwent Class: B04; D16; T01

International Patent Class (Main): G06F-017/00; G06F-017/60

International Patent Class (Additional): G06F-159/00

File Segment: CPI; EPI

28/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013985306 \*\*Image available\*\*

WPI Acc No: 2001-469520/200151

XRPX Acc No: N01-348507

**Information exchange system for medical institution, converts input transmission tip information into identifier, based on patient 's information**

Patent Assignee: NEC CORP (NIDE ); NEC SOFTWARE KANSAI LTD (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001167181	A	20010622	JP 99350895	A	19991209	200151 B

Priority Applications (No Type Date): JP 99350895 A 19991209

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001167181 A 7 G06F-017/60

Abstract (Basic): JP 2001167181 A

NOVELTY - The input transmission tip information showing the **relationship** of the **patient** and user, is converted into identifier, based on the **patient 's** information. The converted identifier



specifying the user of transmission tip is stored in memory (53) and correspondingly **patient** 's diagnosis and **treatment record information** is exchanged between multiple users.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Information exchange procedure;
- (b) Information exchange program recording medium

USE - For exchanging **patient** 's information between **doctor** , **nurse** , engineers, etc., in medical institution.

ADVANTAGE - Information about a **patient** is reliably exchanged between multiple users such as **doctor** and **nurse** .

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of electric components of information exchange system. (Drawing includes non-English language text).

Memory (53)

pp; 7 DwgNo 1/5

Title Terms: INFORMATION; EXCHANGE; SYSTEM; MEDICAL; INSTITUTION; CONVERT; INPUT; TRANSMISSION; TIP; INFORMATION; IDENTIFY; BASED; **PATIENT** ; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-019/00

File Segment: EPI

28/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013855644 \*\*Image available\*\*

WPI Acc No: 2001-339857/200136

XRFX Acc No: N01-245841

**Health care support system processes illness log and log received from registrant and produces preset notice to concerned persons about the registrant**

Patent Assignee: TOUCH NOMA YG (TOUC-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001092895	A	20010406	JP 2000218012	A	20000718	200136 B

Priority Applications (No Type Date): JP 2000218012 A 20000718

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001092895	A	14	G06F-017/60	

Abstract (Basic): JP 2001092895 A

NOVELTY - A memory stores the **relative** information of illness log of registrant (S) and vaccination log received from registrant. A processor processes the **relative** information and accordingly produces a preset notice mainly concerning health care, to concerned persons about the registrant.

DETAILED DESCRIPTION - The registrant fulfills preset conditions based on existence of vaccination corresponding to existence and illness of sickness with respect to specific illness. INDEPENDENT CLAIMS are also included for the following:

- (a) Server computer for health care **assistance** ;
- (b) Client computer;
- (c) Memory medium

USE - For log management of vaccination with respect to specific illness, for children in kindergarten, **nursery** , elementary school,

junior high school and individuals in university, companies, etc.

ADVANTAGE - The need for using lot of **health care record** books is avoided, hence labor saving and improvement in required processing speed are achieved.

DESCRIPTION OF DRAWING(S) - The figure shows the general view of the health care **support** system. (Drawing includes non-English language text).

Registrant (S)

pp; 14 DwgNo 1/13

Title Terms: HEALTH; CARE; **SUPPORT** ; SYSTEM; PROCESS; ILL; LOG; LOG;

RECEIVE; PRODUCE; PRESET; NOTICE; CONCERN; PERSON

Derwent Class: S05; T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

28/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013851353

WPI Acc No: 2001-335566/200135

XRAM Acc No: C01-103634

**Evaluating a biological condition of a subject, involves deriving first profile data set from patient sample for quantitative measure of RNA or protein in a panel and producing calibrated profile data set for panel**

Patent Assignee: SOURCE PRECISION MEDICINE INC (SOUR-N); TRYON V (TRYO-I)

Inventor: BANKAITIS-DAVIS D M; BEVILACQUA M P; CHERONIS J; TRYON V

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200125473	A1	20010412	WO 2000US17846	A	20000628	200135 B
AU 200058985	A	20010510	AU 200058985	A	20000628	200143

Priority Applications (No Type Date): US 2000195522 P 20000407; US 99141542 P 19990628

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200125473 A1 E 117 C12Q-001/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200058985 A C12Q-001/00 Based on patent WO 200125473

Abstract (Basic): WO 200125473 A1

NOVELTY - Evaluating (E) a biological condition of a subject, involves deriving, from the sample of RNAs and proteins, a first **profile** data set (I) and producing a calibrated **profile** data set (II) for the panel.

DETAILED DESCRIPTION - Evaluating (E) a biological condition of a subject, involves deriving, from the sample of RNAs and proteins, a first **profile** data set (I) having many members, each being a quantitative measure of distinct RNA or protein constituents in a panel of constituents selected, so that measurement of constituents enables measurement of the condition, and producing a calibrated **profile** data set (II) for the panel. Each member of (II) is a function of a corresponding member of (I) and a corresponding member of a baseline **profile** data set for the panel, the calibrated **profile** data set

providing a measure of the biological condition of the subject.

INDEPENDENT CLAIMS are also included for the following:

- (1) evaluating (E1) the effect on a biological condition by a first **agent** in **relation** to the effect by a second **agent** ;
- (2) conducting a clinical trial of an **agent** ;
- (3) a **digital** storage medium (III) on which is stored a computer readable calibrated **profile** data set, where the calibrated set relates to a sample having RNAs and/or proteins derived from a **target** cell population to which an **agent** has been administered, and calibrated **profile** data set includes a first number of members, each member being a quantitative measure of a change in an amount of a distinct RNA or protein constituent in a panel of constituents selected so that measurement of the constituents enables measurement of a biological condition as affected by administration of the **agent** ;
- (4) a **digital** storage medium (IIIa) on which is stored a number of **records**  $R_i$  relating to a population of subjects, each **record**  $R_i$  corresponding to a distinct instance  $P_i$  of a computer readable **profile** data set  $P$ , where each instance  $P_i$  of the **profile** data set  $P$  relates to a distinct sample derived from a subject, the sample having RNAs and/or proteins, the **profile** data  $P$  set includes a number of members  $M_j$ , each **record**  $R_i$  includes, for each member  $M_{ij}$  of a corresponding distinct instance  $P_i$  of the **profile** data set  $P$ , a value corresponding to the value of the member  $M_{ij}$ , and each **record**  $R_i$  also includes a reference to a characteristic of the subject such as the age group, gender, ethnicity, geographic location, diet, medical disorder, clinical indicator, medication, physical activity, body mass or environmental exposure, **relative** to the **record** ;
- (5) evaluating (E2) a biological condition of a subject, based on a sample from the subject, the sample having RNAs and/or proteins, involves (E), accessing a data in a condition database having a number of **records** relating to a population of subjects, each **record** corresponding to a distinct instance of (II), and evaluating the first instance of (II) in **relation** to data in the condition database;
- (6) displaying (D) a quantitative gene expression analysis data associated with measurement of a biological condition, by identifying (I) pertinent to the gene expression analysis data, producing (II) for the panel, and displaying (II) in a graphical format;
- (7) a descriptive **record** (IV) of a change in a biological condition in a population of cells by a first set of numerical gene expression values for a panel of gene loci8) selecting a therapeutic **agent** from a class of therapeutic **agents** for administering to a subject so as to change a biological condition in a subject from a first biological condition to a second biological condition;
- (9) characterizing the biological effectiveness of a single batch of a composition produced by a manufacturing process, by providing (II), and labeling the batch of the composition by placing (II) on each container in the batch optionally including the signature calibrated **profile** data set, and comparing (II) with a standardized calibrated **profile** data set;
- (10) accessing biological information on (IIIa), by making the information available to a user;
- (11) consumer evaluation of a product, which is dependent on a signature **profile** , by forming (IV), identifying the product using (IV), where the panel of gene loci is a signature panel and comparing (II) with an average calibrated **profile** data set to provide an explanation of the product;
- (12) a computer **program** product for evaluating a biological condition of a subject or for evaluating a biological condition resulting from the use of an **agent** , including a computer usable medium having computer readable **program** code, where the computer **program** code comprises a **program** code for classifying a sample from

the subject or the **agent** for an identifiable **record**, a **program** code for deriving (I), the **profile** data set being stored in the **record**, and a **program** code for optionally producing (II) for storage in the **record**;

(13) a computer system for evaluating a biological condition of a subject or for evaluating a biological condition resulting from the use of an **agent**, comprising a classification module for classifying a sample from the subject or the **agent** in an identifiable **record**, a derivative module for deriving (I), and a production module for producing (II); and

(14) analyzing a patient for a biological condition at a remote site, by providing a kit for measuring a **profile** data base for evaluating a biological condition.

USE - (E) is useful for diagnosing a biological condition of a subject, and for diagnosing a susceptibility for a biological condition. (E) is also useful for monitoring the progress of a biological condition and for establishing a descriptive **record** for an **agent**. The method further involves providing a mechanism of action for the composition, or metabolism for the composition. The composition further comprises a first compound and a second compound or a number of compounds, and the biological activity results from any of synergism, interference or neutral interaction between the first and second compound. The biological activity of the compound is a toxic effect on the subject (claimed).

pp; 117 DwgNo 0/25

Title Terms: EVALUATE; BIOLOGICAL; CONDITION; SUBJECT; DERIVATIVE; FIRST; **PROFILE**; DATA; SET; PATIENT; SAMPLE; QUANTITATIVE; MEASURE; RNA; PROTEIN; PANEL; PRODUCE; CALIBRATE; **PROFILE**; DATA; SET; PANEL

Derwent Class: B04; D16

International Patent Class (Main): C12Q-001/00

International Patent Class (Additional): C12Q-001/68

File Segment: CPI

28/5/16 (Item 16 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013822910 \*\*Image available\*\*

WPI Acc No: 2001-307122/200132

XRPX Acc No: N01-219707

**Pharmacy benefit management system has medical group computer which processes stored medical group prescription information to monitor and determine whether description activity is to be modified**

Patent Assignee: PACK-HARRIS T L (PACK-I)

Inventor: PACK-HARRIS T L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6195612	B1	20010227	US 983082	A	19980105	200132 B

Priority Applications (No Type Date): US 983082 A 19980105

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6195612	B1	48	G06F-017/60	

Abstract (Basic): US 6195612 B1

NOVELTY - The system has a medical group computer (21) which processes stored **medical** group prescription **information** to generate utilization information indicative of the prescription activity. Utilization information is generated to enable medical group (20) to

monitor the prescription activity so as to determine whether the prescription activity has to be modified.

DETAILED DESCRIPTION - The system has pharmacy computers (42,32) to generate pharmacy claim information including prescribed drug information corresponding to the prescription activity. Several health care plan computers (50,60) are associated with different health plans and each computer is responsive to the pharmacy claim information for processing drug **information** to generate **medical** group prescription **information** corresponding to **medical** group. Medical group computer receives and stores **medical** group prescription **information** to facilitate evaluation of prescription activity. The prescription information is transferred from all of the health plan computers to the medical group computer. An input device (25) interacts with the pharmacy benefit management software to receive and process the information to generate utilization information. An INDEPENDENT CLAIM is also included for method of monitoring prescription activity of medical group.

USE - Used to monitor prescriptions authorized by medical group.

ADVANTAGE - Manages prescription drug activity in **relatively** inexpensive manner. Enables to the medical group to manage pharmacy costs **relative** to pharmacy benefit capitation. Also analyzes actual cost and utilization rates by **individual physicians**.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of pharmacy management benefit system.

Medical group (20)

Medical group computer (21)

Input device (25)

Pharmacy computers (32,42)

Health care plan computers (50,60)

pp; 48 DwgNo 1/40

Title Terms: PHARMACEUTICAL; BENEFICIAL; MANAGEMENT; SYSTEM; MEDICAL; GROUP  
; COMPUTER; PROCESS; STORAGE; MEDICAL; GROUP; PRESCRIBED; INFORMATION;  
MONITOR; DETERMINE; DESCRIBE; ACTIVE; MODIFIED

Derwent Class: S05; T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

28/5/17 (Item 17 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013815379 \*\*Image available\*\*

WPI Acc No: 2001-299591/200131

XRPX Acc No: N01-214900

**Electronic health care provider claims tracking and submission using Internet, by associating patient information with policy holder information, to allow health care provider to submit health care claims to computer**

Patent Assignee: ZIRMED.COM (ZIRM-N)

Inventor: FREEMAN J; SOSTARICH J

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200067173	A1	20001109	WO 2000US11429	A	20000428	200131 B
AU 200044981	A	20001117	AU 200044981	A	20000428	200131

Priority Applications (No Type Date): US 99131869 P 19990430

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200067173	A1	E 44	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH  
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200044981 A G06F-017/60 Based on patent WO 200067173

Abstract (Basic): WO 200067173 A1

**NOVELTY** - The **health care** provider **information** received via open internet (16) from computer (12), is stored in computer system and utilized for defining a profile for provider. Policyholder information and **patient** information are received from provider. The **patient** information is associated with a responsible policyholder information, based on which provider submits health care claims for **patients** to computer system.

**DETAILED DESCRIPTION** - The **health care** provider **information** is received by allowing the provider to enter the **information** for several **health care** providers associated with profile, and by defining the capacity of each provider within the profile. The user profile is associated with a user identifier and password. The health care claims for each **patient** are electronically submitted to **third party** payment system responsible for payment of each claim.

**USE** - For tracking and submission of health care provider claims indicating information regarding **patients**, providers, insurance policy, facilities, referring and supervising **physicians** and payer information, through internet or other open computer network with standard internet web browser compatible software.

**ADVANTAGE** - Provides health care claims submission system to rely on open software architecture, and allows any entity or **individual** with internet browser to utilize the claims submission system. Avoids dedicated software tailored specifically towards health care claim submission on providers computer systems. The electronic submission increases the efficiency of service provided not only by provider but also by **third party** payers, and significantly reduces the turn around times between submission of claims and ultimate payment to the provider. Allows incorrectly entered claims to be corrected and resubmitted with **relative** ease.

**DESCRIPTION OF DRAWING(S)** - The figure shows the schematic overview of the data flow and connectivity of submission system and its procedures.

Computer (12)

Internet (16)

pp; 44 DwgNo 1a/18

Title Terms: ELECTRONIC; HEALTH; CARE; CLAIM; TRACK; ASSOCIATE; **PATIENT** ;  
INFORMATION; HOLD; INFORMATION; ALLOW; HEALTH; CARE; SUBMIT; HEALTH; CARE  
; CLAIM; COMPUTER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

28/5/18 (Item 18 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013760202

WPI Acc No: 2001-244414/200125

XRAM Acc No: C01-073352

XRPX Acc No: N01-173979

**Artificial intelligence system for the analysis of nucleic acid array**

**hybridization information, comprises a web server, database server, and application server**

Patent Assignee: IRIS BIOTECHNOLOGIES INC (IRIS-N); IRIS BIO TECHNOLOGIES INC (IRIS-N)

Inventor: CHIN S; MCDONALD P; OSBORNE G F; SCHNEIDER S

Number of Countries: 092 Number of Patents: 002

## Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200116860	A2	20010308	WO 2000US23597	A	20000828	200125 B
AU 200069427	A	20010326	AU 200069427	A	20000828	200137

Priority Applications (No Type Date): US 99151258 P 19990827

## Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200116860	A2	E	43 G06F-019/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200069427 A G06F-019/00 Based on patent WO 200116860

## Abstract (Basic): WO 200116860 A2

NOVELTY - An artificial intelligence system comprises a web server that **communicates** with at least one user facility, a database server that stores hybridization profiles, and an application server that facilitates information exchange between the web server and the database server.

DETAILED DESCRIPTION - An artificial intelligence system comprises a web server that **communicates** with at least one user facility, receives and transmits hybridization information, **supports** data analyses, and provides security and business functions. A database server stores hybridization profiles, clinical information associated with hybridization profiles, and statistical information associated with hybridization profiles. An application server facilitates information exchange between the web server and the database server.

An INDEPENDENT CLAIM is also included for a method of diagnosing a physiological condition comprising collecting hybridization information from a nucleic acid array, transmitting the hybridization information to a central data processing facility, analyzing the hybridization information to generate a profile, comparing the profile to stored hybridization parameters to provide analyzed data, and determining the physiological condition suggested by the analyzed data through the use of the artificial intelligence.

USE - The artificial intelligence system is useful for the analysis of nucleic acid array hybridization information.

ADVANTAGE - The system has the capability to interpret the information obtained. It allows the user to look both clinical and non-clinical information, and processes information in real time. It provides access to information that is useful on managing disease outbreaks and emergency situations. It further provides tiered information access to **doctors**, patients, and **researchers**. It analyzes genetic information by ethnicity, region, occupation, age, or sex; and performs simultaneous multi-dimensional analysis.

pp; 43 DwgNo 0/3

Title Terms: ARTIFICIAL; INTELLIGENCE; SYSTEM; ANALYSE; NUCLEIC; ACID;

ARRAY; INFORMATION; COMPRISE; WEB; SERVE; DATABASE; SERVE; APPLY; SERVE

Derwent Class: B04; D16; T01

International Patent Class (Main): G06F-019/00

File Segment: CPI; EPI

28/5/19 (Item 19 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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013699391  
 WPI Acc No: 2001-183615/200119  
 XRPX Acc No: N01-131040

**Automatic broadcast system of real-time interactive TV health consultation**

Patent Assignee: MA W (MAWM-I)  
 Inventor: MAN W  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1272750	A	20001108	CN 2000110433	A	20000519	200119 B

Priority Applications (No Type Date): CN 2000110433 A 20000519

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1272750	A		H04N-007/14	

Abstract (Basic): CN 1272750 A

NOVELTY - The present invention is a special one for TV station, aimed at mainly solving the real-time interactive problem between TV station and TV viewers. The viewer can use telephone key to control and operate the TV content so as to attain the goal of consulting **doctor**. Said system can be divided into three zones on the TV screen, i. e. 1 **advertisement** zone; 2. zone for consulting **doctor** and asking for medicine; and 3. direct **communication** zone. The viewer can use telephone to make **inquiry** according to the **medical information**, **medicine advertisement** and **on - line specialist** information displayed on the **advertisement** zone. The 'direct **communication** zone' possesses nine or more than nine small video windows for consulting **specialists** and displaying image information related to **specialist** consultation.

DwgNo 0/0

Title Terms: AUTOMATIC; BROADCAST; SYSTEM; REAL; TIME; INTERACT; TELEVISION  
 ; HEALTH

Derwent Class: S05; W01; W02; W03

International Patent Class (Main): H04N-007/14

File Segment: EPI

28/5/20 (Item 20 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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013675690  
 WPI Acc No: 2001-159902/200116  
 XRAM Acc No: C01-047642  
 XRPX Acc No: N01-116508

**Information management system for creation, production, fulfillment, storage, and delivery of, e.g., prescription medications, comprises a central site or server that is accessible to subscriber(s), and a secure database**

Patent Assignee: MOHSEN A (MOHS-I)  
 Inventor: MOHSEN A  
 Number of Countries: 085 Number of Patents: 002  
 Patent Family:



# Search report

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200109701	A1	20010208	WO 2000US20267	A	20000725	200116 B
AU 200063748	A	20010219	AU 200063748	A	20000725	200129

Priority Applications (No Type Date): US 99366654 A 19990803

## Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200109701	A1	E	43	G06F-001/00	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200063748 A G06F-001/00 Based on patent WO 200109701

## Abstract (Basic): WO 200109701 A1

**NOVELTY** - An information management system comprises a central site or server that is accessible to each subscriber(s) via an access device; and a secure database for storing the cryptographic keys such that the subscriber(s) has access to its cryptographic keys via an authenticated access scheme. The server has mechanism for issuing the keys to the subscriber(s).

**DETAILED DESCRIPTION** - An **INDEPENDENT CLAIM** is also included for a process for the creation and fulfillment of a prescription for medication comprising accessing a central server, selecting and entering a prescription medication, selecting a pharmacy, sending a first electronic transmission to the server using an encryption scheme such that the server decrypts and authenticates the prescription, and sending the second electronic transmission to the pharmacy. The pharmacy receives the second transmission and enters the prescription into an electronic system. The pharmacy decrypts and authenticates, and fulfills the received prescription.

**USE** - For the creation, production, fulfillment, storage, and delivery of prescription medications and other complex products and services such as diagnosis and solution of equipment malfunctioning; ordering and communication of results for medical laboratory tests, radiation tests, and remedies; **patient medical records**; diagnosis, testing, and remedies of diseases; and others.

**ADVANTAGE** - The invention secures communication of confidential information on **private** and public networks such as internet, between parties involved such as prescribers, **physicians**, **patients**, pharmacies, PBM's, **third party** payers (**insurance company**, employers, government), and pharmaceutical companies. It applies various encryption and authentication to achieve security, confidentiality, non-repudiation, and authentication thus meeting the code requirements of the Federal and State. It automates and improves the work flow efficiency. The prescription is sent to the **pharmacist** more efficiently with awareness into the **patient**'s complete medical history. The **patients** can save money through mail order pharmacy. Transcription error is reduced thus decreasing the cost and improving the efficiency of prescription fulfillment. The invention also provides a more transparent use of mail order and management of higher formulary and higher generic compliance.

pp; 43 DwgNo 0/6

Title Terms: INFORMATION; MANAGEMENT; SYSTEM; CREATION; PRODUCE; STORAGE; DELIVER; PRESCRIBED; MEDICATE; COMPRISE; CENTRAL; SITE; SERVE; ACCESS; SUBSCRIBER; SECURE; DATABASE

Derwent Class: B07; T01

International Patent Class (Main): G06F-001/00

File Segment: CPI; EPI

28/5/21 (Item 21 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
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013674845 \*\*Image available\*\*  
 WPI Acc No: 2001-159057/200116  
 XRPX Acc No: N01-115936

**Simulating method of multiple smart card environment, involves receiving primary and secondary outputs from respective simulators, modifying and transmitting received outputs to respective smart card applications**

Patent Assignee: AUDESI TECHNOLOGY INC (AUDE-N)  
 Inventor: MARYKA S; MICHAUD B  
 Number of Countries: 093 Number of Patents: 002  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200077750	A1	20001221	WO 2000CA703	A	20000614	200116 B
AU 200056660	A	20010102	AU 200056660	A	20000614	200121

Priority Applications (No Type Date): US 99138679 P 19990614

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200077750 A1 E 20 G07F-007/10

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH  
 CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
 KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO  
 RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
 IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200056660 A G07F-007/10 Based on patent WO 200077750

Abstract (Basic): WO 200077750 A1

NOVELTY - Preset characteristics of primary and secondary smart cards are stored and respective simulators are created. Primary input from primary smart card application is received, modified based on primary set of characteristics, and is sent to primary smart card simulator. The primary input is re-modified based on secondary set, and is sent to secondary smart card simulator.

USE - For paying bills, transferring money between accounts, making investments, analyzing portfolio, ordering prescription drugs, providing **information** to **health care professionals** on receiving information from them, buying or selling consumer goods, receiving product information, participating in consumer **surveys**, receiving **promotional** offers, **customizing** products, playing games or receiving other contents such as music, video, text or images in automated teller machines, **internet** kiosks, pay telephones, **point** of sale terminals, cellular phones or device containing card reader.

ADVANTAGE - Enables **supporting** multi application card environments, allowing simultaneous simulation of smart cards with different characteristic in single development work station.

DESCRIPTION OF DRAWING(S) - The figure shows the flow chart of multiple smart card simulators.

pp; 20 DwgNo 1/3

Title Terms: SIMULATE; METHOD; MULTIPLE; SMART; CARD; ENVIRONMENT; RECEIVE; PRIMARY; SECONDARY; OUTPUT; RESPECTIVE; SIMULATE; MODIFIED; TRANSMIT; RECEIVE; OUTPUT; RESPECTIVE; SMART; CARD; APPLY

Derwent Class: T01; T05; W01

International Patent Class (Main): G07F-007/10

International Patent Class (Additional): G06F-011/00

File Segment: EPI

28/5/22 (Item 22 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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013661583 \*\*Image available\*\*  
 WPI Acc No: 2001-145795/200115  
 XRPX Acc No: N01-106582

**Representation device for communication of medical information in computer involves storing medical data and displaying requested data showing spatial and dimensional relationship with other parts or sites of human body**

Patent Assignee: BENJA-ATHON A (BENJ-I)  
 Inventor: BENJA-ATHON A  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6132218	A	20001017	US 98191795	A	19981113	200115 B

Priority Applications (No Type Date): US 98191795 A 19981113  
 Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6132218	A		9	G09B-023/28	

Abstract (Basic): US 6132218 A

NOVELTY - A representation device comprises a memory unit and a display unit (3), the display can take place in a number of different anatomical planes, a way of defining the anatomical boundary and position of each part and site (6,9,11,12,13,14), a way of relating each part and site to other parts and sites, and a device for storing and displaying the inherent and unique anatomical, physiological, neurological, neuro-anatomical and neuro-physiological adjacent parts and sites and distant parts and sites to other parts and sites. Also a way of assigning a unique identity to each part and site.

USE - The invention relates to a three-dimensional coordinate system of nomenclatures, names symbols and colors for identifying human body parts and sites for effective communication of **medical information** between any persons.

ADVANTAGE - This invention provides a tool for fast, easy, effective communication between any people including **patients**, **physicians**, and health care providers involving diseases, illnesses, disorders and pain.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic view of the present invention.

Viewing screen (2)  
 Computer or television (3)  
 Lateral view (4)  
 Posterior view (5)  
 Parts and sites (6,9,11,12,13,14)  
 pp; 9 DwgNo 1/1

Title Terms: REPRESENT; DEVICE; COMMUNICATE; MEDICAL; INFORMATION; COMPUTER  
 ; STORAGE; MEDICAL; DATA; DISPLAY; REQUEST; DATA; SPACE; DIMENSION;  
 RELATED; PART; SITE; HUMAN; BODY  
 Derwent Class: P85; S05; T01  
 International Patent Class (Main): G09B-023/28  
 File Segment: EPI; EngPI

28/5/23 (Item 23 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX

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013607659

WPI Acc No: 2001-091867/200110

Related WPI Acc No: 2000-594204

XRAM Acc No: C01-027177

XRPX Acc No: N01-069583

**Diagnosing, or determining a predisposition to developing, an arterial wall disruptive disorder by correlation with the incidence of age related macular degeneration (AMD), e.g. by detecting genotypic or phenotypic marker(s) for AMD**

Patent Assignee: UNIV IOWA RES FOUND (IOWA )

Inventor: HAGEMAN G S

Number of Countries: 090 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200102866	A1	20010111	WO 2000US4583	A	20000222	200110 B
AU 200037045	A	20010122	AU 200037045	A	20000222	200125
EP 1153301	A1	20011114	EP 2000915841	A	20000222	200175
			WO 2000US4583	A	20000222	

Priority Applications (No Type Date): US 99123052 P 19990305; US 99120668 P 19990219; US 99120822 P 19990219

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200102866 A1 E 119 G01N-033/68

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200037045 A G01N-033/68 Based on patent WO 200102866

EP 1153301 A1 E G01N-033/68 Based on patent WO 200102866

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): WO 200102866 A1

NOVELTY - Methods for diagnosing, or determining a predisposition to developing, an arterial wall disruptive disorder (AWDD) by correlation with the incidence of age related macular degeneration (AMD), is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are provided for:

(1) a method (M1) for diagnosing, or determining a predisposition to developing, an AWDD in a **subject**, comprising detecting one or more genotypic or phenotypic markers for AMD in the eye, where the marker is indicative of an AWDD;

(2) a method (M2) for diagnosing, or determining a predisposition to AWDD in a **subject**, comprising:

(a) isolating a nucleic acid from a **subject**; and

(b) genotyping the nucleic acid, where at least one allele from a macular degeneration-associated haplotype is predictive of an increased risk of AWDD;

(3) a method (M3) for diagnosing, or determining a predisposition to AWDD in a **subject**, comprising:

(a) isolating a nucleic acid from a **subject**;

(b) amplifying the nucleic acid with primers which amplify a region of a chromosome corresponding to a polymorphic marker for macular degeneration; and

(c) analyzing the amplification product, where the presence of a polymorphism indicative of an allele type linked to macular

degeneration is indicative of an allele type linked to AWDD;

(4) a method (M4) for diagnosing, or determining a predisposition to AWDD in a **subject**, comprising:

(a) isolating a nucleic acid from a **subject**;

(b) amplifying short tandem repeat sequences in the genomic DNA to obtain a genotype;

(c) comparing the genotype to the genotype of known DNA sequences to detect nucleotide sequence polymorphisms; and

(d) determining the presence or absence of a polymorphism in the genomic DNA of the **subject**, where the presence of a polymorphism indicative of an allele type linked to macular degeneration is indicative of an allele type linked to AWDD;

(5) a kit for diagnosing AWDD, comprising:

(a) primers for amplifying a region of a chromosome having a polymorphism indicative of macular degeneration;

(b) reagents for performing DNA amplification; and

(c) reagents for analyzing the amplified nucleic acid;

(6) a method (M5) for diagnosing, or detecting a predisposition to developing, AWDD in a **subject**, comprising performing an immunoassay on a sample obtained from the **subject** using an antibody specific for a gene product indicative of macular degeneration, where detection of the presence of bound antibody indicates that the **subject** has macular degeneration or a predisposition to developing macular degeneration and therefore has an AWDD or a predisposition for developing an AWDD;

(7) a kit for diagnosing, or detecting a predisposition to developing, AWDD, comprising reagents for performing the immunoassay of M5;

(8) a method (M6) for treating or preventing the development of AWDD in a **subject**, comprising administering an effective amount of a macular degeneration therapeutic;

(9) a method (M7) for identifying an **agent** for, or determining the efficacy of, an **agent** for treating or preventing AWDD in a **subject**, comprising:

(a) administering an **agent** at a non-toxic dosage; and

(b) determining whether drusen formation or neovascularization is inhibited or has resolved;

(10) a method (M8) for identifying an **agent** for treating or preventing AWDD in a **subject**, comprising:

(a) contacting a non-human model for macular degeneration with an **agent**; and

(b) monitoring one or more markers of macular degeneration, where the absence or disappearance of one or more of the markers is indicative of the inhibition of AWDD;

(11) an animal model for AWDD comprising an animal which has or is predisposed for developing macular degeneration, which is indicative of the presence of, severity of, or predisposition for AWDD;

(12) an animal model for AWDD comprising a transgenic animal which carries a genetically modified homolog of a human AMD-associated gene or a genetically modified drusen-associated marker gene; and

(13) a kit for diagnosing AWDD comprising at least two antibodies selected from an anti-elastin antibody and an anti-collagen antibody, or an anti-chemokine antibody and an anti-vitronectin antibody.

ACTIVITY - Antiinflammatory; cardiant.

No biological data given.

MECHANISM OF ACTION - Antagonist (antagonists of tumor necrosis factor alpha (TNF-alpha), interleukin 1 (IL-1), granulocyte macrophage colony stimulating factor (GM-CSF), IL-4 or IL-13); agonist (agonist of IL-10, macrophage colony stimulating factor (M-CSF), IL-6, IL-4); inhibitors of the expression of one or more Drusen-associated molecules (DRAMs).

No biological data given.

USE - The methods and kits are useful for diagnosing, or determining a predisposition to developing, an AWDD, e.g. aneurysm (e.g. abdominal aortic aneurysm (AAA) or thoracic aortic aneurysm (TAA)), a peripheral aneurysm, a visceral aneurysm, or an intracranial aneurysm.

Macular degeneration therapeutics, e.g. antagonists of TNF-alpha, IL-1, GM-CSF, IL-4 or IL-13, are useful for treating or preventing the development of AWDD in humans.

pp; 119 DwgNo 0/0

Title Terms: DIAGNOSE; DETERMINE; DEVELOP; ARTERY; WALL; DISRUPT; DISORDER; CORRELATE; INCIDENCE; AGE; RELATED; DEGENERATE; DETECT; GENOTYPE; PHENOTYPE; MARK

Derwent Class: B04; D16; S03

International Patent Class (Main): G01N-033/68

File Segment: CPI; EPI

28/5/24 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013595236 \*\*Image available\*\*

WPI Acc No: 2001-079443/200109

XPX Acc No: N01-060452

Patient information processing method involves correlating selected portion of performance result associated with physician practices with stored practice patient data to provide practice measure

Patent Assignee: PULSEGROUP INC (PULS-N)

Inventor: KRAFTSON M O; KRAFTSON R H; MUDDITT M; SCHROGIE J J; SIMON W H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6151581	A	20001121	US 9633099	A	19961217	200109 B
			US 9744085	A	19970421	
			US 97991506	A	19971216	

Priority Applications (No Type Date): US 97991506 A 19971216; US 9633099 P 19961217; US 9744085 P 19970421

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6151581	A		69	G06F-017/60	Provisional application US 9633099
					Provisional application US 9744085

Abstract (Basic): US 6151581 A

NOVELTY - A data correlator correlates selected portion of performance result associated with **physician** practices with stored practice- **patient** data to provide practice measure. The practice measure which is a **relative** measure of practice quality is achieved based on a comparison of **patient** satisfaction information of **physician** practices. A report is generated from the performance results and practice measures.

DETAILED DESCRIPTION - A data is received from a survey form. The data includes a **physician** component to receive the **patient** clinical information and a **patient** component to receive **patient** satisfaction information so as to provide practice- **patient** data. A database processor translates the practice- **patient** data to a predefined format and stores it in a database. An analyzer selectively receives and analyzes the practice- **patient** data from the database. The **patient** satisfaction information with respect to clinical information is summarized to provide performance results of the **physician** practice. A data correlator correlates selected portion of performance results to

provide practice measure. Based on the performance results and practice measures, report is generated. An INDEPENDENT CLAIM is also included for **patient** information acquisition, management and processing method.

USE - For receiving and processing **physician** clinical and **patient care survey information**.

ADVANTAGE - Since database information is processed through system performance measurement, processing of database information is improved. Hence progress of perceived quality of **physician** practice can be easily tracked. Since processed information are compared historically and regionally, quality of diagnosis and treatment are improved. Since strong correlation between **patient** responses and particular treatment outcomes are used to identify **patients**, **patients** who are at a risk, are easily identified.

DESCRIPTION OF DRAWING(S) - The figure illustrates a process flow followed by a practice to collect survey data.

pp; 69 DwgNo 13/23

Title Terms: **PATIENT**; INFORMATION; PROCESS; METHOD; CORRELATE; SELECT; PORTION; PERFORMANCE; RESULT; ASSOCIATE; PRACTICE; STORAGE; PRACTICE; **PATIENT**; DATA; PRACTICE; MEASURE

Derwent Class: S05; T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

28/5/25 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013565491 \*\*Image available\*\*

WPI Acc No: 2001-049698/200106

Related WPI Acc No: 2001-049699; 2001-191210; 2001-265565; 2001-397670

XRFX Acc No: N01-038129

**Personal information publication and synchronization in Internet , involves creating target user data structure relative to subset of information fields selected from set of information fields about publishing user**

Patent Assignee: CONTACT NETWORKS INC (CONT-N)

Inventor: DINUR A; HERTZOG E

Number of Countries: 092 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200067105	A1	20001109	WO 2000US12233	A	20000505	200106 B
AU 200048210	A	20001117	AU 200048210	A	20000505	200111

Priority Applications (No Type Date): US 99162499 P 19991029; US 99132560 P 19990505

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200067105 A1 E 103 G06F-003/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200048210 A G06F-003/00 Based on patent WO 200067105

Abstract (Basic): WO 200067105 A1

NOVELTY - The subset of fields of personal information concerning the publishing user, is selected from the stored set of fields of

information. The selected subset of fields of information is **recorded** and the **target** user data structure is created with reference to the subset of fields of information and stored on a server system accessible by **target** user via network.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) personal information publication and synchronization system;
- (b) computer **program** product

USE - For publishing and synchronizing personal information such as contact and calendar information, address information, operation list information, **financial** information e.g. credit card numbers, **medical information** between multiple users connected to **Internet**.

ADVANTAGE - All copies of personal information stored in various devices are synchronized in an easier and convenient manner.

DESCRIPTION OF DRAWING(S) - The figure shows the diagrammatic representation of set of personal information fields.

pp; 103 DwgNo 4/32

Title Terms: PERSON; INFORMATION; PUBLICATION; **TARGET** ; USER; DATA; STRUCTURE; **RELATIVE** ; SUBSET; INFORMATION; FIELD; SELECT; SET; INFORMATION; FIELD; PUBLICATION; USER

Derwent Class: T01; W01

International Patent Class (Main): G06F-003/00

International Patent Class (Additional): G06F-017/30; H04M-001/64;

H04M-011/00

File Segment: EPI

28/5/26 (Item 26 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013464970 \*\*Image available\*\*

WPI Acc No: 2000-636913/200061

Related WPI Acc No: 1999-276095

XRFX Acc No: N00-472211

**Audible warning providing network from implantable medical device, involves applying drive signal retrieved from memory to audio transducer which emits audible sound**

Patent Assignee: MEDTRONIC INC (MEDT )

Inventor: GREENINGER D R; HARTLAUB J T; THOMPSON D L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6067473	A	20000523	US 9869284	A	19980429	200061 B
			US 99282594	A	19990331	

Priority Applications (No Type Date): US 9869284 A 19980429; US 99282594 A 19990331

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6067473	A		33	A61N-001/36	Cont of application US 9869284 Cont of patent US 5891180

Abstract (Basic): US 6067473 A

NOVELTY - A memory address of an audio transducer (116) drive signal correlated with real time operation of an implantable medical device (100) is generated, based on which the drive signal is retrieved from a memory. The retrieved signal is applied to the audio transducer which emits an audible sound in timed **relation** with the operation of implantable medical device.

DETAILED DESCRIPTION - A memory is provided in an implantable



medical device, where an audio transducer is also located in this medical device. The audible warning given by audio transducer comprises a voiced statement in a local human language selected by the user.

An INDEPENDENT CLAIM is also included for an audible warning providing system.

USE - For providing an audible warning from an implantable medical device (IMD), e.g. cardiac pace makers implanted in **patient**.

ADVANTAGE - The generated audible voiced statements or sound convey IMD **information** of **medical** device to **patient** or to **physician** during interrogation sequence, hence there is no need of careful visual observation of recorded and displayed IMD information by **physician**.

DESCRIPTION OF DRAWING(S) - The figure shows simplified schematic view of communication between programmable IMD in **patient** and medical care provider.

Medical device (100)

Audio transducer (116)

pp; 33 DwgNo 1/12

Title Terms: AUDIBLE; WARNING; NETWORK; IMPLANT; MEDICAL; DEVICE; APPLY;

DRIVE; SIGNAL; RETRIEVAL; MEMORY; AUDIO; TRANSDUCER; EMIT; AUDIBLE; SOUND

Derwent Class: P34; S05; T01; W05

International Patent Class (Main): A61N-001/36

File Segment: EPI; EngPI

28/5/27 (Item 27 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013399530

WPI Acc No: 2000-571468/200053

XRAM Acc No: C00-170309

XRPX Acc No: N00-422724

**Data processing system for integrated management of pharmaceutical and healthcare services automatically displays drug management and patient care action**

Patent Assignee: HEALTHCARE COMPUTER CORP (HEAL-N)

Inventor: AKERS W R; JENKINS KILBURN D L; PARIS M W; STRICKLAND T A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6112182	A	20000829	US 96585861	A	19960116	200053 B

Priority Applications (No Type Date): US 96585861 A 19960116

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6112182	A	20	G06F-017/60	

US 6112182 A 20 G06F-017/60

Abstract (Basic): US 6112182 A

NOVELTY - Data processing system for integrated management of pharmaceutical and healthcare services automatically displays drug management and **patient** care action, particularly in **relation** to possible adverse drug interactions.

DETAILED DESCRIPTION - The process is started by the **pharmacist** enters all the relevant data referring to the **patient**. The management system then begins a process of automatically checking for adverse interactions that the prescribed drug may have with other previously dispensed drugs or with alcohol and food or for a possible adverse allergic reaction. If a conflict is detected it is displayed on the computer screen. A trigger record for the transaction is then created in which the data items associated with the particular prescription filing transaction are recorded as well as any data items associated

with the conflict. If no conflict is detected labels are printed. The trigger record is compared to a trigger definition table to determine whether there is a data item or a combination of data items to which there is assigned a trigger. If a match is found a **patient care action record** for the particular transaction is created. If no match is found the routine proceeds to complete the prescription. The details of the action listed in the **patient care action record** are then automatically displayed to the **pharmacist**.

USE - For pharmacy practice management system for dispensing pharmaceutical drugs in a prescription based transaction.

ADVANTAGE - Appropriate **patient** healthcare services may be automatically identified during dispensing of a pharmaceutical.

pp; 20 DwgNo 0/14

Title Terms: DATA; PROCESS; SYSTEM; INTEGRATE; MANAGEMENT; PHARMACEUTICAL; SERVICE; AUTOMATIC; DISPLAY; DRUG; MANAGEMENT; **PATIENT** ; CARE; ACTION

Derwent Class: B07; T01

International Patent Class (Main): G06F-017/60

File Segment: CPI; EPI

**28/5/28 (Item 28 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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013193953 \*\*Image available\*\*

WPI Acc No: 2000-365826/200031

XRPX Acc No: N00-273729

Individual medical records **protection method involves transmitting back individual record and its relative identity code to doctor's office when identity and biometric codes input match with that stored in database**

Patent Assignee: GARFINKLE LP II (GARF-N)

Inventor: GARFINKLE N

Number of Countries: 087 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200026823	A1	20000511	WO 99US26090	A	19991104	200031 B
AU 200024733	A	20000522	AU 200024733	A	19991104	200040

Priority Applications (No Type Date): US 99385575 A 19990830; US 98185528 A 19981104

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200026823	A1	E	32	G06F-017/30	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200024733 A G06F-017/30 Based on patent WO 200026823

Abstract (Basic): WO 200026823 A1

NOVELTY - A person authorized by the **patient** (102) inputs **personal** identification codes (104) and biometric code (106) to a database (112) that checks if the biometric and ID number is in accord with that stored in the database, based on which access is granted to a particular record using ID code (114) and is transmitted to the requesting site (120).

USE - For protecting **medical records** prepared in **doctor's** office, hospital.

(B) processing, including development, fixing, and drying in at most 90 seconds comprising:

- (a) radiation transparent film **support** bearing an image-forming portion for providing after (a); and
- (b) an average contrast 2.5 - 4.0 measured at a density above fog=0.25 - 2.0.

The image-forming portion comprising:

(i) processing solution-permeable front layer unit on the front face of the **support** capable of absorbing at most 70 % of the exposing radiation and containing:

- (a) at most 40 mg / dm<sup>2</sup> hydrophilic colloid;
- (b) radiation-sensitive silver halide grains, thickness at least 0.3 microns, aspect ratio /approximately 5, coverage at most 40 mg Ag / dm<sup>2</sup>;

(ii) processing solution-permeable layer on the substrate back surface containing:

- (a) at most 40 mg / dm<sup>2</sup> hydrophilic colloid;
- (b) radiation-sensitive tabular silver halide grains capable of accounting for 20 - 45 % of the total radiation-sensitive silver halide present in the film, thickness at least 0.3 microns, aspect ratio /- 5, accounting for at least 70 % of the total projected area of the grains in the back layer; and

(c) dye giving an optical density at least 0.4 in the wavelength region of the exposing radiation to be **recorded** and an optical density at most 0.1 in the visible spectrum at the end of processing, the dye being excluded from a first layer of the back layer unit containing at least 20 % of the radiation-sensitive silver halide grains and present in at least one layer coated further from the **support** than the first layer.

Layer (a) of the front unit (i) is hardened less than layer (a) of the back unit (ii), and the back layer unit has a speed=0.3logE - 1.0logE slower than the front unit, where the speed is measured at a density of 1.0 above fog

USE - Radiographic film for **recording** **medical** diagnostic images of soft tissue, particularly mammography.

ADVANTAGE - The film can be processed faster while maintaining high levels of image sharpness and low mottle levels.

pp; 13 DwgNo 0/0

Title Terms: RADIOGRAPHIC; FILM; MAMMOGRAPHY; COMPRISE; THICK; NON; TABULAR; SILVER; HALIDE; GRAIN; FRONT; LAYER; UNIT; LIMIT; PROPORTION; THIN; TABULAR; GRAIN; LOWER; SPEED; BACK; UNIT; FAST; PROCESS

Derwent Class: G06; P83

International Patent Class (Main): G03C-001/46; G03C-005/17

International Patent Class (Additional): G03C-001/035; G03C-001/74

File Segment: CPI; EngPI

28/5/30 (Item 30 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013099855

WPI Acc No: 2000-271727/200023

XRAM Acc No: C00-083053

XRPX Acc No: N00-203467

**Computer system for assisting doctors in prescribing suitable medication for specific medical conditions**

Patent Assignee: EVOLUTION INVESTMENTS PTY LTD (EVOL-N)

Inventor: MISRA R N

Number of Countries: 001 Number of Patents: 001

Patent Family:

# Search report

Patent No	Kind	Date	Applicat No	Kind	Date	Week
ZA 9903742	A	20000223	ZA 993742	A	19990603	200023 B

Priority Applications (No Type Date): ZA 981947 A 19980304

## Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
ZA 9903742	A	11	A61B-000/00	

Abstract (Basic): ZA 9903742 A

NOVELTY - A first database includes information about medications. A second database includes **information** about **medical** conditions that can be treated with the medications in the first database. The information in the two databases is classified such that medications appropriate to a particular condition share a common classification. Information pertaining to medications suitable to treat a particular medical condition is displayed.

DETAILED DESCRIPTION - The information in the first database pertains to drug formulations, dosage, prescription information, information relating to allergies and the interaction of the formulations with other drug formations and specific foods. The second database is constituted by an implementation of the International Classification of Diseases in database form, with the relevant diagnosis codes serving as keys. The common classification **relationship** between the two databases includes the use of formulation classifications in the first database as keys that share a **relationship** with the keys contained in the second database. **Advertising** information relating to the formulations may be included in the first database. The system prints prescriptions.

USE - The system provides **assistance** to **doctors** in the recommendation and prescription of medication.

ADVANTAGE - The system automatically selects the most appropriate medication for treating a particular medical condition.

pp; 11 DwgNo 0/0

Title Terms: COMPUTER; SYSTEM; **ASSIST** ; **DOCTOR** ; SUIT; MEDICATE; SPECIFIC ; MEDICAL; CONDITION

Derwent Class: B07; P31; S05

International Patent Class (Main): A61B-000/00

File Segment: CPI; EPI; EngPI

28/5/31 (Item 31 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013098435 \*\*Image available\*\*

WPI Acc No: 2000-270307/200023

XRFX Acc No: N00-202416

**Children identification system using interactive smart card technology, has card affixed with photograph of user and legal guardian , and identification device stored with personal and medical information**

Patent Assignee: BASILE M R (BASI-I); WEINREB A H (WEIN-I)

Inventor: BASILE M R; WEINREB A H

Number of Countries: 001 Number of Patents: 001

## Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6042005	A	20000328	US 97879267	A	19970620	200023 B

Priority Applications (No Type Date): US 97879267 A 19970620

## Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6042005	A	7	G06K-005/00	

Abstract (Basic): US 6042005 A

**NOVELTY** - The card is affixed with photograph of user and parent or legal **guardian** on front surface. A data storage unit of card stores user's **personal** and **medical information** along with code number for identifying those information. An identification device (18) is worn by user stores user's **personal** and **medical information**. A data retrieval unit (27) retrieves the information from card and identification device.

**DETAILED DESCRIPTION** - The data storage unit of card has programmable microchip embedded into card. The data storage unit of identification device has tag (20) with aperture adapted to enable the user to connect tag to article of clothing. The tag is embedded with programmable microchip and also stored with unique code and telephone access number. An **INDEPENDENT CLAIM** is also included for children identification method.

**USE** - For children identification **promotional** system using interactive smart guard technology used by schools, P.T.A's, police precincts, hospitals, **doctors**, retail stores, malls, corporations, families, dentists, insurance companies, theme parks, day care centers.

**ADVANTAGE** - The system includes online or Internet access site for enabling the cardholder and their family to access specific corporate participants to program and can further enable new user's to enroll in the identification program. Offers child identification system that operates efficiently and reliably, and hence increases child's safety. By providing removable tag, the **individual** is not limited as to particular clothing or shoes they have to wear. Facilitates operator to instantaneously update the information contained in each respective identification device. There is no limit to types of information that can be stored in system, and hence improves utilization efficiency. Through this system, the corporate sponsors can increase their retail business.

**DESCRIPTION OF DRAWING(S)** - The figure shows schematic block diagram of children identification system.

Identification device (18)

Tag (20)

Data retrieval unit (27)

pp; 7 DwgNo 1/3

Title Terms: CHILD; IDENTIFY; SYSTEM; INTERACT; SMART; CARD; TECHNOLOGY; CARD; AFFIX; PHOTOGRAPH; USER; LEGAL; IDENTIFY; DEVICE; STORAGE; PERSON; MEDICAL; INFORMATION

Derwent Class: S05; T01; T04

International Patent Class (Main): G06K-005/00

File Segment: EPI

28/5/32 (Item 32 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013050550 \*\*Image available\*\*

WPI Acc No: 2000-222404/200019

XPX Acc No: N00-166498

Medical information management system using portable optical card

Patent Assignee: NIPPON CONLUX CO LTD (NICO-N); SHIINA S (SHII-I)

Inventor: HONDA H; SHIINA S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6021393	A	20000201	US 94229558	A	19940419	200019 B

Search report

US 95543466 A 19951016  
US 97885398 A 19970630

Priority Applications (No Type Date): US 97885398 A 19970630; US 94229558 A 19940419; US 95543466 A 19951016

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6021393	A		13	G06F-159/00	Cont of application US 94229558 CIP of application US 95543466

Abstract (Basic): US 6021393 A

NOVELTY - The optical card includes optical information recording area IC memory area, and a magnetic information recording area. Read/write drive for the card has a coupler section that includes a set of transmitters/receivers. The positional **relationship** between the transmitters/receivers remain unchanged even when carrier table housing the card, is moving, for reading and/or writing optical information.

DETAILED DESCRIPTION - The read/write drive includes an optical head carrier mechanism for loading the memory card on a carrier table. The coupler section couples electronic information to be read and written from and to the IC memory area so that reading and writing optical information can be conducted simultaneously with reading and writing of electronic information. A display device and reproduction device for visually and audibly reproducing character and sound information respectively is provided.

USE - For recording **patient's personal medical information** onto optical card having limited storage capacity.

ADVANTAGE - The optical card is nonvolatile and handy for carrying. It is possible to efficiently **record medical information** as needed depending on specific morbit state of the **patient**. Therefore if only the **patient** carries the optical card bearing his or her **medical information** to a given **doctor**, **doctor** by only setting the **medical information**, can have the character and image information visually shown and also can have the sound information audibly reproduced. The optical card if soiled can be reused again by wiping the surfaces.

DESCRIPTION OF DRAWING(S) - The figure shows the flow chart explaining an example of write process carried out by the **medical information** management system.

pp; 13 DwgNo 5/9

Title Terms: MEDICAL; INFORMATION; MANAGEMENT; SYSTEM; PORTABLE; OPTICAL; CARD

Derwent Class: S05; T01; T04

International Patent Class (Main): G06F-159/00

File Segment: EPI

28/5/33 (Item 33 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013010409 \*\*Image available\*\*

WPI Acc No: 2000-182261/200016

XRPX Acc No: N00-134514

**Automated patient care management system**

Patent Assignee: ALARIS MEDICAL SYSTEMS INC (ALAR-N)

Inventor: CHAMBERLAIN C; ENGLESON J J

Number of Countries: 086 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200003344	A1	20000120	WO 99US15500	A	19990709	200016 B

# Search report

AU 9952097	A	20000201	AU 9952097	A	19990709	200028
EP 1097429	A1	20010509	EP 99937221	A	19990709	200128
			WO 99US15500	A	19990709	

Priority Applications (No Type Date): US 98114581 A 19980713

## Patent Details:

Patent No	Kind	Lan	Pg	Main	IPC	Filing	Notes
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WO 200003344	A1	E	48	G06F-019/00			
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9952097	A	G06F-019/00	Based on patent	WO 200003344
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EP 1097429	A1	E	G06F-019/00	Based on patent	WO 200003344
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Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

Abstract (Basic): WO 200003344 A1

NOVELTY - A local area network (50) with a file server (45) is connected to a pharmacy computer (60), a nursing station (70) and a bedside CPUs (80). The file server (45) stores **programs** and data which are input and collected by the various computers in the network.

DETAILED DESCRIPTION - The system has a medical administration management module integrating **medical order information**, infusion pump monitoring, and bar code technology to **support** the real time verification and charting of medications administered to a patient. The module gathers information from various nursing and bedside CPUs and creates and maintains an **online**, real time, patient specific medication administration **record**. When a **physician** attends a patient and specifies the desired therapeutic treatment, the prescription is entered into the pharmacy information system and then entered into the care management system. An infusion pump (92) delivers medication to the patient in a predetermined, controlled manner. The sensors send signals to the computer for storage available for remote access by the file server (45). The care management system controls alarms or alerts generated by a module of the system.

USE - Used for automated patient care management.

ADVANTAGE - Monitors, controls and tracks the administration of care in health care institution. Enables the administration to project supply usage and purchase supplies in quantities without incurring inventory carrying costs.

DESCRIPTION OF DRAWING(S) - The drawing is a graphic representation of the care management system illustrating details of the hardware elements and local area network.

File server (45)  
Network (50)  
Nursing CPU (70)  
Pharmacy CPU (60)  
CPUs (80)  
Infusion pipe (92)  
pp; 48 DwgNo 1/16

Title Terms: AUTOMATIC; PATIENT; CARE; MANAGEMENT; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-019/00

File Segment: EPI

28/5/34 (Item 34 from file: 350)  
DIALOG(R) File 350:Derwent WPIX

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012936344 \*\*Image available\*\*

WPI Acc No: 2000-108191/200010

XRFX Acc No: N00-083217

Medical information processing system for supporting diagnosis  
capable of displaying an original image and computer aided diagnosing  
processed result without being interfered between them

Patent Assignee: TOSHIBA KK (TOKE )

Inventor: EMA T; TAGUCHI K; YAMADA S

Number of Countries: 017 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 973116	A1	20000119	EP 94102996	A	19940228	200010 B
			EP 99119619	A	19940228	

Priority Applications (No Type Date): JP 93182319 A 19930723; JP 9339996 A 19930301; JP 9348366 A 19930309; JP 9384296 A 19930412; JP 93177859 A 19930719; JP 93178934 A 19930720

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 973116	A1	E 212	G06F-019/00	Div ex application EP 94102996 Div ex patent EP 616290

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

Abstract (Basic): EP 973116 A1

NOVELTY - An abnormality detector detects abnormality in a non-interpreted medical image. A selection device selects the medical image in accordance with abnormality detected in the non-interpreted medical image. A display device displays simultaneously the medical image selected by the selection device, and the examination medical image.

DETAILED DESCRIPTION - The networks is connected with a system manager (SM) (1), image acquisition apparatuses (IA) (2A,2B), a database (DB) (3) for storing medical images acquired by the image acquisition apparatuses, and workstations (WS) (4A,4B), and this system can respectively be communicated each other with a communication protocol. A network (5) is connected with an examination order system (7) through a gateway (6).

USE - In a medical information processing system for comparing a number of diagnostic information including doctors' findings and results of computerized analysis of images art other examination data and thus supporting doctors in evaluating examination more efficiently.

ADVANTAGE - Capable of displaying an original image and a computer aided diagnosis (CAD) processed result without being interfered between them and achieving a continuous and rapid interpretation for entire examination images in a mass survey so that work amount and time spent for interpretation by medical doctors are significantly reduced. Patients having high probability of abnormality or normality are extracted by a CAD processing in the mass survey. Capable of preparing previous images and typical disease images to be referred to for interpretation, without involving an operator. Optimizes efficiency in forming interpretation report by using picture archiving communication system (PACS).

DESCRIPTION OF DRAWING(S) - The drawing shows a configuration of picture archiving communication system according to first embodiment of the present invention.

System manager (SM) (1)

Image acquisition apparatuses (IA) (2a,2b)



Search report

Database (DB) (3)  
Workstations (WS) (4A,4B)  
Network (5)  
Examination order system (7)  
Gateway (6)  
pp; 212 DwgNo 1/153

Title Terms: MEDICAL; INFORMATION; PROCESS; SYSTEM; **SUPPORT** ; DIAGNOSE;  
CAPABLE; DISPLAY; ORIGINAL; IMAGE; COMPUTER; AID; DIAGNOSE; PROCESS;  
RESULT; INTERFERENCE  
Derwent Class: S05; T01  
International Patent Class (Main): G06F-019/00  
File Segment: EPI

28/5/35 (Item 35 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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012880483 \*\*Image available\*\*  
WPI Acc No: 2000-052316/200004  
XRAM Acc No: C00-013450  
XRPX Acc No: N00-040812

Patient **specific** medical report creation method for e.g. generating  
medical reports containing medical counseling information  
**specific to a patient**.

Patent Assignee: BARRY J T (BARR-I); CASEY K J (CASE-I); LACHMAN M (LACH-I)  
; MCGINNIS D G (MCGI-I); NIEDMANN C (NIED-I); SANTARSIERI V (SANT-I);  
SERRA M (SERR-I); TENNER S M (TENN-I); TILTON W M (TILT-I)

Inventor: BARRY J T; CASEY K J; LACHMAN M; MCGINNIS D G; NIEDMANN C;  
SANTARSIERI V; SERRA M; TENNER S M; TILTON W M

Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5991729	A	19991123	US 97896314	A	19970628	200004 B

Priority Applications (No Type Date): US 97896314 A 19970628

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5991729	A		7	G06F-017/60	

Abstract (Basic): US 5991729 A

NOVELTY - The method involves generating a document that contains medical information specific to a patient, the medical information resulting from an analysis of a biological sample from the patient. Employs relational database software, operating on a computer system to generate a document or report that contains various types of patient specific archived medical information.

DETAILED DESCRIPTION - A unique identifier code for the patient is assigned and the patient identifier sequence is entered in the relational database management system as an attribute of the patient's name. Similarly a unique identifier code is assigned for a physician and the physician identifier sequence is entered as an attribute of the name and address of the physician. The biological sample from the patient is analyzed whereby a diagnosis is made that has an entered diagnostic identifier code. The relational database management system is configured such that if a diagnostic identifier code is entered as an attribute for an entered patient identifier code, a report is compiled which retrieves and inserts the explanatory diagnostic archival textual and graphical information specific for and related to the underlying diagnosis associated with the entered diagnostic code and identifies the patient.

USE - For generating medical reports containing medical counseling information which is specific to a patient.

ADVANTAGE - The method is easily employed and relevant reports are very easily and accurately obtained. The information aids the physician or patient in understanding the diagnosis, basis for the diagnosis, the underlying medical condition or disease and provides counseling that should be offered a patient in meeting a standard care for a diagnosis.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram of information flow into the relational database and resulting patient specific report.

pp; 7 DwgNo 1/2

Title Terms: **PATIENT** ; SPECIFIC; MEDICAL; REPORT; CREATION; METHOD;  
GENERATE; MEDICAL; REPORT; CONTAIN; MEDICAL; INFORMATION; SPECIFIC;

**PATIENT**

Derwent Class: B04; S05; T01

International Patent Class (Main): G06F-017/60

File Segment: CPI; EPI

28/5/36 (Item 36 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012690764 \*\*Image available\*\*

WPI Acc No: 1999-496873/199942

XRAM Acc No: C99-146142

XRPX Acc No: N99-370201

**Pharmaceutical information retrieval system for pharmacotherapy - includes basic information table that consists of several information corresponding to names of medical agents , which can be searched and output as information form**

Patent Assignee: TERASHITA M (TERA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11203375	A	19990730	JP 987071	A	19980116	199942 B

Priority Applications (No Type Date): JP 987071 A 19980116

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11203375	A		37	G06F-019/00	

Abstract (Basic): JP 11203375 A

NOVELTY - A pharmaceutical data file stores a medical agent basic information table (110) including several names of medical agents , chemical structure information, internal movement state, pregnancy relationship and other classification information . Corresponding to medical agent name input, a retrieval program (200) searches information and outputs as basic information form (300).

DETAILED DESCRIPTION - The image of chemical structure is displayed in the basic information form. Simultaneous display of concentration of medical agent in blood, concentration variation graph, comparative other medicines other than the displayed medicine, comparative concentration variation of the different medical agents , usage contradictions, serious side effects, results due to combined effects of various medicines to be taken, classification information on least chemical constitution except salt based on chemical structure, generic name of medicines and least drug efficacy information in relation with pregnancy of patient , placental barrier permeability, translatability to inside of mother's milk, reproductive tests carried

out during pregnancy, is performed. Also the excretion **relationship** information narrowed down such as kidney excretion, intestines excretion, dialysis removal, PK parameter, biological half life of medical **agent**, rate of plasma protein bonding, blood brain barrier permeability, different brand names of medical **agents**, etc are also displayed by operating the corresponding search display buttons (331-334,351,353,355,357) each and every information is searched by the corresponding retrieval program and then displayed by operation of the corresponding search display buttons. The retrieval program searches the information in the respective information tables (120,130,140,150,160) provided in the data file.

USE - By **doctors**, **nurses** and in pharmacies, drug stores etc for prescription of medicines during pharmacotherapy of **patients** and pregnant women.

ADVANTAGE - The properties of the medical **agents** can be confirmed easily as the display is performed after searching of corresponding properties. Comparison of several medical **agents** can be done easily as **information** of each **medical agents** are displayed simultaneously. As each and every information are displayed separately, caution about important **information** of the **medical agent** can be evoked. In case of prescription, easy searching and indigiments of suitable medical **agents** is performed easily by providing the system.

DESCRIPTION OF DRAWING(S) - The figure shows flowchart of operation of the system. (110) Basic information table; ; (120,130,140,150,160) Information tables; ; (300) Basic information form; ; (331-334,351,355,357) Search display buttons.

Dwg.25/32

Title Terms: PHARMACEUTICAL; INFORMATION; RETRIEVAL; SYSTEM; BASIC; INFORMATION; TABLE; CONSIST; INFORMATION; CORRESPOND; NAME; MEDICAL; **AGENT**; CAN; SEARCH; OUTPUT; INFORMATION; FORM  
Derwent Class: B07; S03; T01  
International Patent Class (Main): G06F-019/00  
International Patent Class (Additional): A61K-045/00; G01N-033/15; G06F-017/30  
File Segment: CPI; EPI

28/5/37 (Item 37 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012598255 \*\*Image available\*\*  
WPI Acc No: 1999-404361/199934  
XRPX Acc No: N99-301396

**Graphical display method of patient diagnosis information in intensive care unit**

Patent Assignee: UNIV PENNSYLVANIA (UYPE-N)  
Inventor: HANSON C W; MARSHALL B E; MARSHALL C  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5921920	A	19990713	US 96764493	A	19961212	199934 B

Priority Applications (No Type Date): US 96764493 A 19961212

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5921920	A	15	A61B-005/00	

Abstract (Basic): US 5921920 A

NOVELTY - The clinical and static **patient** data are processed to determine values of derived **patient** parameters. Anticipated changes

of derived **patient** parameters are determined and displayed based on simulated changes of clinical **patient** data. The **relation** between parameters is determined based on changes in displayed values of parameters.

DETAILED DESCRIPTION - Clinical **patient** data is acquired from a **patient** monitoring equipment. Static **patient** data representing characteristics of **patient**, is also input. The clinical and static **patient** data stored in a database are processed to obtain derived **patient** parameters. The **patient** parameter are displayed and the simulated changes are accepted from a **clinician**. The **patient** parameters are displayed with predicted normal values of the parameters derived from the clinical and static **patient** data. An INDEPENDENT CLAIM is also included for **patient** monitoring and display system.

USE - For graphical display of pulmonary and other biological functions of **patient** in intensive care unit to make accurate and quick decisions about **patients** care.

ADVANTAGE - Creates graphical displays of various pulmonary and other **patient** functions so that **physicians** and **clinicians** can make quick and accurate decision relating to **patients** treatment hence contributes to life saving.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of **patient** monitoring and display system.

pp; 15 DwgNo 1/5

Title Terms: GRAPHICAL; DISPLAY; METHOD; **PATIENT**; DIAGNOSE; INFORMATION; INTENSE; CARE; UNIT

Derwent Class: P31; S05; T01; T04

International Patent Class (Main): A61B-005/00

File Segment: EPI; EngPI

28/5/38 (Item 38 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012413667 \*\*Image available\*\*

WPI Acc No: 1999-219775/199919

XRPX Acc No: N99-162613

Medical -examination data recording procedure for medical office system - involves dividing and recording two files, extracting record of detailed database, and extracting and processing data of every month and required item for every year daily

Patent Assignee: FUJITSU LTD (FUJIT )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11053451	A	19990226	JP 97208789	A	19970804	199919 B

Priority Applications (No Type Date): JP 97208789 A 19970804

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11053451	A		10	G06F-019/00	

Abstract (Basic): JP 11053451 A

NOVELTY - Two files are divided and recorded, and the record of a detailed database which is related from the record of an **agent** database is extracted, and the data of every month and the required item for every year are extracted and processed daily. DETAILED DESCRIPTION - An **agent** database contains the record (A) stored with the data, e.g. **agent** number representing one or several medical **agents** of the same usage prescribed by the medical-examination date and the practice, a section, and a **doctor**. The **agent** database

responds to the input of medical-examination data and basic dates e.g. medical-examination year, a month, hospitalization foreign section and a **patient** number. A detailed database, provided corresponding to each medicine included in the medical **agent** of the **agent** database, contains the record stored with fundamental data and the data showing the details of each medicine. An INDEPENDENT CLAIM is included for a data **recording** medium for **medical** examination data.

USE - For medical office system.

ADVANTAGE - Simplifies the structure of the medical-examination data. simplifies the search of information currently **recorded** with the **medical** -examination data. Allows reduction of the physical capacity of a memory required for the registration of medical-examination data. DESCRIPTION OF DRAWING(S) - The figure is a diagram showing the structure of the medical-examination data with the record of an **agent** database and the record of a detailed database.

Dwg.1/10

Title Terms: MEDICAL; EXAMINATION; DATA; RECORD; PROCEDURE; MEDICAL; OFFICE ; SYSTEM; DIVIDE; RECORD; TWO; FILE; EXTRACT; RECORD; DETAIL; DATABASE; EXTRACT; PROCESS; DATA; MONTH; REQUIRE; ITEM; YEAR; DAILY  
Derwent Class: S05; T01  
International Patent Class (Main): G06F-019/00  
International Patent Class (Additional): G06F-017/60  
File Segment: EPI

28/5/39 (Item 39 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012365648 \*\*Image available\*\*

WPI Acc No: 1999-171755/199915

XRPX Acc No: N99-125778

**Portable terminal for visit nursing support system - has information display input unit which displays relevant information regarding name of medical agent who gives medicine on a display screen arranged in a visiting place**

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ ); YOKOHAMASHI AOBaku

MEDICAL CENT SH (YOKO-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11025193	A	19990129	JP 97172277	A	19970627	199915 B

Priority Applications (No Type Date): JP 97172277 A 19970627

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11025193	A		13	G06F-019/00	

Abstract (Basic): JP 11025193 A

NOVELTY - An information display input unit displays a relevant information regarding the name of a medical **agent** who gives medicine, on a display screen arranged in a visiting place.

USE - For visit nursing **support** system used in hospital

ADVANTAGE - Allows visiting person in charge to grasp the taking in **medicine information**, thus improving **medical** service to **patient**. Performs exact nursing to **patient** according to indication by **doctor**. DESCRIPTION OF DRAWING(S) - The figure shows the screen that displays **information** about **medical agent**.

Dwg.3/12

Title Terms: PORTABLE; TERMINAL; VISIT; NURSING; **SUPPORT** ; SYSTEM; INFORMATION; DISPLAY; INPUT; UNIT; DISPLAY; RELEVANT; INFORMATION; NAME;

MEDICAL; **AGENT** ; MEDICINE; DISPLAY; SCREEN; ARRANGE; VISIT; PLACE  
 Derwent Class: P31; S05; T01  
 International Patent Class (Main): G06F-019/00  
 International Patent Class (Additional): A61B-005/00  
 File Segment: EPI; EngPI

**28/5/40 (Item 40 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
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012361905

WPI Acc No: 1999-168012/199915

XRPX Acc No: N99-122459

Medical information **diagnosis auxiliary system**

Patent Assignee: HUANG Z (HUAN-I)

Inventor: HUANG Z

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1199898	A	19981125	CN 97112060	A	19970515	199915 B

Priority Applications (No Type Date): CN 97112060 A 19970515

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1199898	A	1	G06F-019/00	

Abstract (Basic): CN 1199898 A

The **assistant** diagnosis system includes all the data bases and independent documents storing diagnosis and recipe data of **doctors** , programmed and encoded. When it is used and after the **doctor** inputs his code and recognition code to enter the system, the **doctor** can list **relative** document by the code, inputs the disease and recipe into the data base of **medical record** , and prints the **medical record** and recipe for the **patient** .

USE - **medical information** database.

Title Terms: MEDICAL; INFORMATION; DIAGNOSE; AUXILIARY; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-019/00

File Segment: EPI

**28/5/41 (Item 41 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2002 Thomson Derwent. All rts. reserv.

012238240 \*\*Image available\*\*

WPI Acc No: 1999-044348/199904

XRPX Acc No: N99-032381

**Supplemental audio visual emergency reviewing apparatus in medical application - produces dynamic video record with superimposed dynamic data and integrated with current audio data of patient in video monitor**

Patent Assignee: LEVY I (LEVY-I)

Inventor: LEVY I

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5842978	A	19981201	US 96751891	A	19961118	199904 B

Priority Applications (No Type Date): US 96751891 A 19961118

Patent Details:

# Search report

Patent No Kind Lan Pg Main IPC Filing Notes  
US 5842978 A 12 A61B-005/10

Abstract (Basic): US 5842978 A

The apparatus (10) includes a monitoring system (12) which monitors selected function of a **patient** to provide a data output signal thereby produces dynamic data **representative** of the selected functions. A recording unit such as closed circuit TV camera (14) records external image of the **patient** concurrent with the monitoring of the selected function of the **patient** to provide a video output signal thereby produces a dynamic video record of any external movement made by the **patient**. A video interface (16) receives and combines the data output signal from the monitoring system and the recording unit for producing a dynamic video record with superimposed dynamic data.

An audio recorder records sound made by the **patient** concurrent with the monitoring of the selected function and recording of the external image of the **patient** and outputs an audio signal **representative** of the sound made by the **patient**. Thereby the audio recorder produces a concurrent audio record accompanying the dynamic video record with superimposed dynamic data. A video monitor (18) receives the combined video and data output signal and audio signal from the sound recorder thereby produces a dynamic video record with superimposed dynamic data and integrated with concurrent audio record. The obtained data signal, video signal and audio signal are recorded in a VCR (20).

ADVANTAGE - Permits **physician** to quickly and easily access and review only selected portions of dynamic **medical record** relating to emergency or alarm state of **patients** medical condition since during review. **Physician** fast forwards video tape to any indexed point and reviews only events necessary.

Dwg.1/4

Title Terms: SUPPLEMENTARY; AUDIO; VISUAL; EMERGENCY; APPARATUS; MEDICAL; APPLY; PRODUCE; DYNAMIC; VIDEO; RECORD; SUPERIMPOSED; DYNAMIC; DATA; INTEGRATE; CURRENT; AUDIO; DATA; **PATIENT** ; VIDEO; MONITOR  
Derwent Class: P31; S05; W02; W05  
International Patent Class (Main): A61B-005/10  
File Segment: EPI; EngPI

28/5/42 (Item 42 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012202288 \*\*Image available\*\*

WPI Acc No: 1999-008394/199901

XRPX Acc No: N99-006013

Personal **organiser cabinet**, for patients undergoing long-term medical health care - has body with two rectangular interior panels fitted with wipeable board, and transparent personal object retaining pouches, and two exterior hinged panels with essential therapy information and care card pouches

Patent Assignee: KOS J Y (KOSJ-I)

Inventor: KOS J Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5833330	A	19981110	US 97998096	A	19971224	199901 B

Priority Applications (No Type Date): US 97998096 A 19971224

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 5833330 A 9 A61B-019/02

Abstract (Basic): US 5833330 A

The **personal** organizer and medical health care delivery facilitation device is provided having a main body, which rests up against and is connected to a wall divided, while being divided into two rectangular interior panels. Attached to the front of the interior panels is a wipeable board (50) used for acute medical instructions and a series of horizontally aligned **personal** object retaining pouches (100). The pouches are transparent and contain labelling indicia. A labelled space is provided for the names of **family members** and emergency phone numbers.

Attached via hinges (120) to the opposing ends of the interior panels are two exterior panels of equal size and shape to the interior panels. Attached to the front surface of each of the exterior panels is a written instruction retaining means (140), in a labelled, pouch like configuration, consisting of a transparent medium, such as plastic, and designed to hold papers such as written instructions from **therapists** and **doctors** and care cards. The two exterior panels close in cabinet like fashion.

USE - For **patients** in long term care facilities, such as nursing homes.

ADVANTAGE - **Assists patients** in keeping their **personal** possessions, medicine, and other objects necessary for their rehabilitation, in one place, e.g. on table top or counter. Small size, items are kept confidentially but with easy access.

Dwg.1, 3/4

Title Terms: PERSON; ORGANISE; CABINET; **PATIENT** ; LONG; TERM; MEDICAL; HEALTH; CARE; BODY; TWO; RECTANGLE; INTERIOR; PANEL; FIT; BOARD; TRANSPARENT; PERSON; OBJECT; RETAIN; POUCH; TWO; EXTERIOR; HINGE; PANEL; ESSENTIAL; THERAPEUTIC; INFORMATION; CARE; CARD; POUCH

Derwent Class: P31

International Patent Class (Main): A61B-019/02

File Segment: EngPI

28/5/43 (Item 43 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010754974 \*\*Image available\*\*

WPI Acc No: 1996-251929/199625

Related WPI Acc No: 2001-564621

XRPX Acc No: N96-211659

**Educational and interactive multimedia unit for health monitoring - has games console style unit which is connected to TV, CD unit and physiological sensors to provide interactive monitoring of patient condition**

Patent Assignee: RAYA SYSTEMS INC (RAYA-N); HEALTH HERO NETWORK INC (HEAL-N); INTERCARE (INTE-N); HOME HEALTHCARE INTERACTIVE INC (HOME-N)

Inventor: QUY R J

Number of Countries: 022 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9614627	A1	19960517	WO 95US14332	A	19951103	199625 B
AU 9641456	A	19960531	WO 95US14332	A	19951103	199639
			AU 9641456	A	19951103	
US 5601435	A	19970211	US 94334643	A	19941104	199712
EP 789899	A1	19970820	EP 95939761	A	19951103	199738
			WO 95US14332	A	19951103	
AU 693299	B	19980625	AU 9641456	A	19951103	199836



# Search report

KR 97707523	A	19971201	WO 95US14332	A	19951103	199847
			KR 97703018	A	19970502	
JP 2000508443	W	20000704	WO 95US14332	A	19951103	200037
			JP 96515458	A	19951103	
US 6144837	A	20001107	US 94334643	A	19941104	200059
			US 96757129	A	19961203	
EP 789899	B1	20020206	EP 95939761	A	19951103	200211
			WO 95US14332	A	19951103	
DE 69525367	E	20020321	DE 625367	A	19951103	200227
			EP 95939761	A	19951103	
			WO 95US14332	A	19951103	

Priority Applications (No Type Date): US 94334643 A 19941104; US 96757129 A 19961203

Cited Patents: 1.Jnl.Ref; US 4360345; US 4576578; US 4907973; US 5120230; US 5454722

## Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9614627	A1	E	27	G09B-005/00	
				Designated States (National):	AU CA JP KR US
				Designated States (Regional):	AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
AU 9641456	A				Based on patent WO 9614627
US 5601435	A		6		
EP 789899	A1	E			Based on patent WO 9614627
				Designated States (Regional):	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
AU 693299	B				Previous Publ. patent AU 9641456
					Based on patent WO 9614627
KR 97707523	A				Based on patent WO 9614627
JP 2000508443	W		17	G06F-019/00	Based on patent WO 9614627
US 6144837	A			G09B-005/00	Cont of application US 94334643
					Cont of patent US 5601435
EP 789899	B1	E		G09B-005/00	Based on patent WO 9614627
				Designated States (Regional):	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
DE 69525367	E			G09B-005/00	Based on patent EP 789899
					Based on patent WO 9614627

## Abstract (Basic): WO 9614627 A

The health monitoring system uses a multimedia unit in the style of a games console or set-top box. The main unit (1) includes a multimedia processor system able to handle video and audio presentations. It may also accept units such as joysticks. The unit can accept CDs (3) or cartridges (16) and is connected to a television (4) as a video and audio display unit.

A number of health monitoring sensors (11-13) are connected via an interfacing unit (14) to the console. A remote unit (8) acts to allow control of the system. A **doctor** can take the unit to a **patient** and perform health checks while presenting informative information on the purpose of the checks.

ADVANTAGE - Reduces health care costs while presenting informative and non-threatening user interface.

Dwg.1/2

Title Terms: EDUCATION; INTERACT; UNIT; HEALTH; MONITOR; GAME; CONSOLE; STYLE; UNIT; CONNECT; TELEVISION; CD; UNIT; PHYSIOLOGICAL; SENSE; INTERACT; MONITOR; **PATIENT**; CONDITION

Derwent Class: P31; P33; P85; S05; W03; W04

International Patent Class (Main): G06F-019/00; G09B-005/00

International Patent Class (Additional): A61B-005/044; A61G-012/00; G09B-005/06; G09B-009/00

# Search report

File Segment: EPI; EngPI

28/5/44 (Item 44 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010523776 \*\*Image available\*\*

WPI Acc No: 1996-020729/199602

XRPX Acc No: N96-017206

Medical information reporting system - has patient sensor device  
controlled via patient operated interface device by microcontroller  
which writes data to memory and report writer

Patent Assignee: ENACT HEALTH MANAGEMENT SYSTEMS (ENAC-N); ENACT PROD INC  
(ENAC-N); LIFECHART.COM INC (LIFE-N)

Inventor: SANDERS M H; TACKLIND C A; WALNE G B

Number of Countries: 064 Number of Patents: 013

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9532480	A1	19951130	WO 95US6525	A	19950522	199602 B
AU 9526463	A	19951218	AU 9526463	A	19950522	199611
US 5549117	A	19960827	US 94247727	A	19940523	199640
			US 95579062	A	19951222	
EP 765507	A1	19970402	EP 95921364	A	19950522	199718
			WO 95US6525	A	19950522	
US 5626144	A	19970506	US 94247727	A	19940523	199724
			US 95576941	A	19951222	
US 5704366	A	19980106	US 94247727	A	19940523	199808
JP 10500598	W	19980120	JP 95530507	A	19950522	199813
			WO 95US6525	A	19950522	
US 5732709	A	19980331	US 94247727	A	19940523	199820
			US 95579062	A	19951222	
			US 96679463	A	19960703	
KR 97703567	A	19970703	WO 95US6525	A	19950522	199829
			KR 96706637	A	19961123	
AU 703391	B	19990325	AU 9526463	A	19950522	199924
EP 765507	B1	20001018	EP 95921364	A	19950522	200053
			WO 95US6525	A	19950522	
DE 69519166	E	20001123	DE 619166	A	19950522	200101
			EP 95921364	A	19950522	
			WO 95US6525	A	19950522	
ES 2151067	T3	20001216	EP 95921364	A	19950522	200105

Priority Applications (No Type Date): US 94247727 A 19940523; US 95579062 A 19951222; US 95576941 A 19951222; US 96679463 A 19960703

Cited Patents: EP 537936; EP 553372; US 4282883; US 4679566; US 5307263; WO 8900024

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9532480 A1 E 46 G06F-019/00

Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG

AU 9526463 A G06F-019/00 Based on patent WO 9532480

US 5549117 A 21 A61B-005/08 Div ex application US 94247727

EP 765507 A1 E G06F-019/00 Based on patent WO 9532480

Designated States (Regional): DE ES FR GB IT

US 5626144 A 21 A61B-005/08 Div ex application US 94247727

US 5704366 A 21 A61B-005/08

# Search report

JP 10500598	W	44 A61B-005/08	Based on patent WO 9532480
US 5732709	A	21 A61B-005/08	Div ex application US 94247727
			Cont of application US 95579062
			Cont of patent US 5549117
KR 97703567	A	G06F-019/00	Based on patent WO 9532480
AU 703391	B	G06F-019/00	Previous Publ. patent AU 9526463
			Based on patent WO 9532480
EP 765507	B1 E	G06F-019/00	Based on patent WO 9532480
			Designated States (Regional): DE ES FR GB IT
DE 69519166	E	G06F-019/00	Based on patent EP 765507
			Based on patent WO 9532480
ES 2151067	T3	G06F-019/00	Based on patent EP 765507

Abstract (Basic): WO 9532480 A

The system has a monitor unit **reporting medical information** and also includes a stand alone monitor module (12). The module stores data records comprising measured values and time stamps and transmits the records to a remote reporting unit (14) over a communication system. The stored data is derived from sensor devices (10).

The remote reporting unit includes a **relational** database that is updated when records are downloaded from the monitor. A report generator for generating chronological graphs of the measured values for a particular **patient** is also included in the reporting unit. A report transmitting unit transmits reports to a requesting health care provider.

**ADVANTAGE** - Provides additional information for link between **physician** and **patient** via low cost peripheral. Enables collection and dissemination of measured data in low cost and efficient manner.

Dwg.1/10

Title Terms: MEDICAL; INFORMATION; REPORT; SYSTEM; **PATIENT** ; SENSE; DEVICE ; CONTROL; **PATIENT** ; OPERATE; INTERFACE; DEVICE; WRITING; DATA; MEMORY; REPORT; WRITING

Derwent Class: P31; S05; T01; W01; W05

International Patent Class (Main): A61B-005/08; G06F-019/00

International Patent Class (Additional): A61B-005/087; G06F-159-00

File Segment: EPI; EngPI

**28/5/45 (Item 45 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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009855126 \*\*Image available\*\*

WPI Acc No: 1994-134982/199416

XRPX Acc No: N94-106119

**Automated patient data review system - using batch operations to analyse claims data on entire groups of patients for identifying and correcting case-specific and systematic problems in data quality**

Patent Assignee: APPLIED MEDICAL DATA INC (MEDI-N)

Inventor: ERTEL P Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5307262	A	19940426	US 92827376	A	19920129	199416 B

Priority Applications (No Type Date): US 92827376 A 19920129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5307262	A		32	G06F-015/00	

Abstract (Basic): US 5307262 A

The method for reviewing and controlling clinical data quality in the reporting of hospital claims data involves performing data quality checks and generating turn-around documents that establish communications between coders and **physicians** in order to obtain the best description of a case for reporting purposes. The method provides file security and tracks cases through the entire review process to final reporting.

**Patient** data and system performance data are aggregated into a common data base. From the integrated database, a variety of summary reports are generated to identify systematic problems in data quality and to assess the success of the data correction process.

USE/ADVANTAGE - Reviewing quality of **patient** data required on **patient** claims e.g accuracy and completeness. Enables interfacing with existing data systems to optimize performance efficiency of total **health information** system functioning within hospital or within **third - party** claims review organizations including payers of hospital claims.

Dwg.1a/4

Title Terms: AUTOMATIC; **PATIENT** ; DATA; REVIEW; SYSTEM; BATCH; OPERATE; ANALYSE; CLAIM; DATA; GROUP; **PATIENT** ; IDENTIFY; CORRECT; CASE; SPECIFIC ; SYSTEMATIC; PROBLEM; DATA; QUALITY

Derwent Class: S05; T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

28/5/46 (Item 46 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009713993 \*\*Image available\*\*

WPI Acc No: 1993-407546/199351

XRPX Acc No: N93-315463

**Automatic printing of medical administrative documents - using microprocessor to control reading of medical doctor and patient data from cards and to print record of visit**

Patent Assignee: GEMPLUS CARD INT SA (GEMP-N)

Inventor: LASSUS B; SARAT J

Number of Countries: 004 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 575230	A1	19931222	EP 93401510	A	19930611	199351 B
FR 2692385	A1	19931217	FR 927293	A	19920616	199403
EP 575230	B1	19941130	EP 93401510	A	19930611	199501
DE 69300027	E	19950112	DE 600027	A	19930611	199507
			EP 93401510	A	19930611	
ES 2067343	T3	19950316	EP 93401510	A	19930611	199517
US 5528021	A	19960618	US 9376120	A	19930614	199630

Priority Applications (No Type Date): FR 927293 A 19920616

Cited Patents: 1.Jnl.Ref; FR 2583546; JP 60183671; US 4709136; WO 9102447; WO 9115817

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 575230	A1	F	9	G06K-017/00	
EP 575230	B1	F	11	G06K-017/00	
DE 69300027	E			G06K-017/00	Based on patent EP 575230
ES 2067343	T3			G06K-017/00	Based on patent EP 575230
US 5528021	A		8	G06F-015/00	
FR 2692385	A1			G06K-007/00	

Abstract (Basic): EP 575230 A

The printing system has a microprocessor (4) controlling a card reader and a printer. The card reader (3) accepts a smart card (8) carrying data on the medical practitioner and another smart card (9) carrying data on the **patient**.

The operation of the unit is initiated by the medical practitioner introducing their card into the unit first thing in the morning. This data is stored. Each **patient** then introduces their card, and an administrative record of the consultation generated from the two sets of information.

ADVANTAGE - Produces accurate accounting **records** for **medical** practitioner and **patient**, with less clerical input.

Dwg.1/4

Title Terms: AUTOMATIC; PRINT; MEDICAL; ADMINISTER; DOCUMENT;  
MICROPROCESSOR; CONTROL; READ; MEDICAL; **DOCTOR**; **PATIENT**; DATA; CARD;  
PRINT; RECORD; VISIT

Derwent Class: P31; S05; T01; T04

International Patent Class (Main): G06F-015/00; G06K-007/00; G06K-017/00

International Patent Class (Additional): A61B-005/117; G06F-015/42;

G06K-015/02; G06K-019/07

File Segment: EPI; EngPI

28/5/47 (Item 47 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009656819 \*\*Image available\*\*

WPI Acc No: 1993-350370/199344

XRPX Acc No: N93-270317

**Scanhead for ultrasonic diagnostic imaging system - uses ultrasonic transducer scan heads to provide diagnostic information concerning medical patients by indicating scan head characteristics to user using integral colour-coded light**

Patent Assignee: ADVANCED TECHNOLOGY LAB INC (ADTE-N)

Inventor: KAMINSKI P W; PAWLUSKIEWICZ P M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5255682	A	19931026	US 90613334	A	19901114	199344 B

Priority Applications (No Type Date): US 90613334 A 19901114

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5255682	A	9	A61B-008/00	

Abstract (Basic): US 5255682 A

The ultrasonic diagnostic scan heads include a lighting mechanism located at the transducer end of the scanhead. The scanhead includes an integral light which is illuminated when the scanhead is connected to an imaging system. The light is colour-coded in a manner which clearly identifies a particular characteristic of the scanhead such as frequency of operation.

Pref. the integral light is located in a position on the scanhead which also informs the user of the orientation of the image plane in **relation** to the scanhead. The light of a selected scanhead is modulated by the imaging system when the **clinician** selects the scanhead for use.

ADVANTAGE - Facilitates location of scanhead in darkened examination room.

Dwg.1/5

# Search report

Title Terms: ULTRASONIC; DIAGNOSE; IMAGE; SYSTEM; ULTRASONIC; TRANSDUCER;  
 SCAN; HEAD; DIAGNOSE; INFORMATION; MEDICAL; **PATIENT** ; INDICATE; SCAN;  
 HEAD; CHARACTERISTIC; USER; INTEGRAL; COLOUR; CODE; LIGHT  
 Derwent Class: P31; S05  
 International Patent Class (Main): A61B-008/00  
 File Segment: EPI; EngPI

28/5/48 (Item 48 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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008859008 \*\*Image available\*\*  
 WPI Acc No: 1991-363031/199150  
 Related WPI Acc No: 1990-232886  
 XRPX Acc No: N91-278086  
 patient and health care provider identification system - uses criteria  
 such as fingerprints to relate people and enable access to various  
 control labels and records

Patent Assignee: SHAMOS M H (SHAM-I)  
 Inventor: SHAMOS M H  
 Number of Countries: 015 Number of Patents: 005  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 460533	A	19911211	EP 91108852	A	19910529	199150 B
CA 2043544	A	19911201				199209
US 5193855	A	19930316	US 89302023	A	19890125	199313
			US 90485828	A	19900227	
			US 90530222	A	19900530	
EP 460533	A3	19930113	EP 91108852	A	19910529	199346
CA 2043544	C	19990824	CA 2043544	A	19910530	200001

Priority Applications (No Type Date): US 90530222 A 19900530; US 89302023 A  
 19890125; US 90485828 A 19900227  
 Cited Patents: SR.Pub; 1.Jnl.Ref; EP 380061; XJP57098071; AUS 3872448;  
 AUS 4476381; XWO 8501582; AWO 8700659; AWO 8800024

## Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 460533	A		15		
Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE					
CA 2043544	C	E		G06K-009/00	
US 5193855	A		13	B42D-015/00	Cont of application US 89302023 CIP of application US 90485828 CIP of patent US 5071168
EP 460533	A3		15		

## Abstract (Basic): EP 460533 A

The system is provided to relate **patients** and medical or other procedures in health care facilities. Initially a **patient** is registered with the system using a fingerprint scanner (20) for unique identification, and this is stored in a computer (30) along with other data such as bed number, names, **physician** etc.

Health care provider fingerprints are also stored in the system. When treatment is to be provided or analyses performed, combinations of fingerprint checking or bar-code label printing (70) and checking provide accurate control procedures.

USE/ADVANTAGE - Provides distinct **relationship** between parties in health care system.

Dwg.1/7

Title Terms: **PATIENT** ; HEALTH; CARE; IDENTIFY; SYSTEM; CRITERIA;  
 FINGERPRINT; RELATED; PEOPLE; ENABLE; ACCESS; VARIOUS; CONTROL; LABEL;

## RECORD

Derwent Class: P76; S05; T04  
 International Patent Class (Main): B42D-015/00; G06K-009/00  
 International Patent Class (Additional): G06F-015/21; G06F-017/60;  
 G07C-009/00  
 File Segment: EPI; EngPI

**28/5/49 (Item 49 from file: 350)**

DIALOG(R) File 350:Derwent WPIX  
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008662057 \*\*Image available\*\*  
 WPI Acc No: 1991-166084/199123  
 XRAM Acc No: C91-071869  
 XRPX Acc No: N91-127341

**Dressing having skin or wound contacting surface - has water soluble or  
 swellable fluid interactive hydrocolloid dispersed in elastomeric  
 substance and temp. sensitive liq. crystal tape**

Patent Assignee: SQUIBB & SONS INC E R (SQUI ); FLAM E (FLAM-I)

Inventor: FLAM E

Number of Countries: 008 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 430608	A	19910605	EP 90312811	A	19901126	199123	B
AU 9065735	A	19910606				199130	
CA 2029172	A	19910529				199132	
JP 3182246	A	19910808	JP 90328763	A	19901127	199138	
US 5181905	A	19930126	US 89446341	A	19891128	199307	
			US 91759129	A	19910910		
AU 647421	B	19940324	AU 9065735	A	19901101	199417	
EP 430608	B1	19950215	EP 90312811	A	19901126	199511	
DE 69016950	E	19950323	DE 616950	A	19901126	199517	
			EP 90312811	A	19901126		
JP 3009921	B2	20000214	JP 90328763	A	19901127	200013	

Priority Applications (No Type Date): US 89446341 A 19891128; US 91759129 A 19910910

Cited Patents: US 4717378

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 430608	A		12		
Designated States (Regional): DE FR GB IT					
JP 3009921	B2		7	A61F-013/02	Previous Publ. patent JP 3182246
US 5181905	A		7	A61F-013/00	Cont of application US 89446341
AU 647421	B			A61F-013/00	Previous Publ. patent AU 9065735
EP 430608	B1 E		12	A61F-013/02	
Designated States (Regional): DE FR GB IT					
DE 69016950	E			A61F-013/02	Based on patent EP 430608

Abstract (Basic): EP 430608 A

A medical device comprises a dressing having a skin or wound adhesive layer comprising one or more water, soluble or swellable fluid interactive hydrocolloids dispersed in an elastomeric substance, a backing film layer coextensive with the skin or wound contacting adhesive layer and an indicator means comprising a temp. sealing liquid crystal tape affixed to at least a portion of the surface of the backing film layer opposite the skin or wound contacting adhesive layer whereby in use on the body, information concerning the condition of the skin or wound beneath the dressing is available without the need for removing the dressing.

USE/ADVANTAGE - The indicator means is capable of sensing the condition of the skin or wound underlying the dressing and conveying the **information** to **health care professional** eliminating the need to frequently change the dressing. The device is especially useful for prevention and treatment of decubitus ulcer and to ascertain the susceptibility of the **patient** to formation of these ulcers. The device can also be used to monitor the rate of healing and presence of infection or necrosis and the degree hydration of the wound or the dressing. (12pp Dwg.No.1/6)

Title Terms: DRESS; SKIN; WOUND; CONTACT; SURFACE; WATER; SOLUBLE; SWELLING  
; FLUID; INTERACT; HYDROCOLLOID; DISPERSE; ELASTOMER; SUBSTANCE;  
TEMPERATURE; SENSITIVE; LIQUID; CRYSTAL; TAPE  
Derwent Class: A18; A96; D22; P32; P34; P73  
International Patent Class (Main): A61F-013/00; A61F-013/02  
International Patent Class (Additional): A61F-015/00; A61L-015/00;  
B32B-005/18; B32B-027/06  
File Segment: CPI; EngPI

28/5/50 (Item 50 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07103926 \*\*Image available\*\*  
MEDICINE RETRIEVAL SYSTEM

PUB. NO.: 2001-331583 [JP 2001331583 A]  
PUBLISHED: November 30, 2001 (20011130)  
INVENTOR(s): NOMOTO TEI  
APPLICANT(s): HIGASHI NIHON MEDICOM KK  
APPL. NO.: 2000-152960 [JP 2000152960]  
FILED: May 24, 2000 (20000524)  
INTL CLASS: G06F-017/60; G06F-017/30

#### ABSTRACT

PROBLEM TO BE SOLVED: To specify a medicine which is prescribed by a **doctor** and prepared for a **patient** at medical facilities such as a hospital and a clinic according to **information** that the **medicine** itself has its appearance and to know detailed **medicine information** on the name, effects, side effects, etc., of the medicine.

SOLUTION: This system has a storage device 12 which stores a **relational** database of retrieval information by retrieval items such as object disease names, components, shapes, colors, identification codes regarding respective medicines and detailed **medicine information** on the names of respective medicines, color photographs of their appearances, and effects and side effects of the medicines and allows a computer to read those pieces of information, a monitor 22, and an input device 23 capable of inputting **medicine information** to the computer. As for an arbitrary medicine, arbitrary retrieval items are selected in order out of the retrieval items displayed on the monitor 22 to select the corresponding contents and input them by the input device 23, and the narrowing-down retrieval is carried out to specify an arbitrary **medicine** and **medicine information** on the **medicine** is displayed on the monitor 22.

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28/5/51 (Item 51 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07028678      \*\*Image available\*\*

METHOD FOR, PROVIDING **INFORMATION** ON **MEDICAL TREATMENT** OR THE LIKE

PUB. NO.:        2001-256312 [JP 2001256312 A]  
PUBLISHED:      September 21, 2001 (20010921)  
INVENTOR(s):    TANAKA YOSHIAKI  
APPLICANT(s):   TANAKA YOSHIAKI  
APPL. NO.:      2000-115904 [JP 2000115904]  
FILED:          March 14, 2000 (20000314)  
INTL CLASS:     G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To share **medical information**, etc., by enabling a **patient** and the family who could not attend to a medical treatment to communicate with a **doctor** who made the treatment through the Internet, to refer to **advertisement** matching the communication contents by publishing the **advertisement**, and to pay for the contents to the person in charge of medical work who created the contents instead of the **patient**.

SOLUTION: **Advertisement** is added to contents created by exchanging and transmitting information and opinions directly with a supplier of an article or service that a requester and its **relative** persons have and a recipient evaluates the contents that the supplier created; and value to be provided to the supplier is calculated according to the evaluation and **advertisement** charge, words, phrases, etc., included in the contents are retrieved to add the **advertisement** to contents matching better the publication of the **advertisement**, and they are stored for a certain period and displayed by request.

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28/5/52        (Item 52 from file: 347)

DIALOG(R)File 347:JAPIO

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06481562      \*\*Image available\*\*

ELECTRONIC MEDICAL SHEET SYSTEM

PUB. NO.:        2000-067139 [JP 2000067139 A]  
PUBLISHED:      March 03, 2000 (20000303)  
INVENTOR(s):    SASAKI HAJIME  
                 MATSUO HITOSHI  
                 IRIE RYOTARO  
APPLICANT(s):   HITACHI LTD  
APPL. NO.:      10-238078 [JP 98238078]  
FILED:          August 25, 1998 (19980825)  
INTL CLASS:     G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic medical sheet system for presuming the disease which a **patient** suffers from at present or which a **patient** will possibly suffers from in future from the genetic **information** and **medical examination information** of the **patient**.

SOLUTION: The information stored in a genetic data base 11 and a medical sheet data base 12 is read out by a disease presuming means 13 and a correlation table 23 storing the correlation between the genetic and **medical examination information** and the disease is retrieved. The disease which a **patient** will suffer from with high probability is

extracted and displayed on an input/output means 15. Based on the stored information, the disease presuming means 13 extracts the new correlative **relation**, adds it to the correlation table 23 and utilizes it for the following medical examination. Thus, the determination of will for the **doctor** in the case of diagnosis is **supported** and the disease can be early discovered and treated.

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28/5/53 (Item 53 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06403621 \*\*Image available\*\*  
MEDICAL CARE **SUPPORT** SYSTEM, METHOD FOR INPUTTING MEDICAL CARE **SUPPORT**  
ITEM AND STORAGE MEDIUM HAVING **PROGRAM** FOR **RECORDING** **MEDICAL** **CARE**  
**SUPPORT** ITEM

PUB. NO.: 11-345276 [JP 11345276 A]  
PUBLISHED: December 14, 1999 (19991214)  
INVENTOR(s): SUGIYAMA TAKASHI  
APPLICANT(s): SANYO ELECTRIC CO LTD  
APPL. NO.: 11-086804 [JP 9986804]  
FILED: March 29, 1999 (19990329)  
PRIORITY: 10103600 [JP 98103600], JP (Japan), March 30, 1998 (19980330)  
INTL CLASS: G06F-019/00; A61B-005/00; G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To facilitate an input operation while listening to a patient and also to facilitate secondary use of input information by handling text that is inputted while optionally dividing it with medical **doctor**'s decision when the medical **doctor** talks with a patient as unit text that is divided at a pause and associating the memory with an **electronic** medical sheet.

SOLUTION: In a division memo input image, a medical **doctor** performs text input while listening to a patient and stores it in a prescribed memory area. When the medical **doctor** presses down a line feed key at a pause of patient's talk at the time of inputting the text, text from the preceding line feed key input to a line feed key input of this time is stored as unit text. Next, a hop-up menu for item indication is shown and when an item that is related to selected unit text is designated, content **recorded** when the patient is subjected to medical care in the past exists in the item. Therefore, the item is provided with a new **record** area and the selected unit text is **recorded**.

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28/5/54 (Item 54 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06400459 \*\*Image available\*\*  
DATA DISPLAY DEVICE FOR MEDICAL CARE **SUPPORT**

PUB. NO.: 11-342112 [JP 11342112 A]  
PUBLISHED: December 14, 1999 (19991214)  
INVENTOR(s): NISHIZAKI TETSUKAZU  
NISHIZAKI YASUHIRO  
APPLICANT(s): GREEN JOHO SYSTEMS KK

Search report

APPL. NO.: 10-154366 [JP 98154366]  
FILED: June 03, 1998 (19980603)  
INTL CLASS: A61B-005/00; G06F-019/00; G06T-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To accumulate image data such as X-ray photograph in **relation** to inspection data at an extremely low cost by accumulating/displaying the information including an audit history, identifying the image data read from an image memory with a **patient** identification data, and writing the image data to an accumulating means.

SOLUTION: This data display device comprises a **relational** database 10, an interface means 20 for inputting **medical care** schedule **information**, **patient** foundation data, examination data, data on examination and a medical care history, and prescription data, a display 50 capable of displaying these data, an image data input means 30, and a control unit 60 for controlling them. When a **doctor** has an X-ray photograph to be inputted and accumulate, the photographic image is taken by a digital camera 40, and the taken image data is inputted to the medical care **support** data display device from the memory of the camera and accumulated in the database by the image input means 30 and the control unit 60.

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28/5/55 (Item 55 from file: 347)  
DIALOG(R) File 347: JAPIO  
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06000319 \*\*Image available\*\*  
DOSAGE GUIDANCE **SUPPORT** SYSTEM

PUB. NO.: 10-283419 [JP 10283419 A]  
PUBLISHED: October 23, 1998 (19981023)  
INVENTOR(s): KUTSUMA NOBUAKI  
APPLICANT(s): KIYOKUSHIYOU KK [000000] (A Japanese Company or Corporation),  
JP (Japan)  
APPL. NO.: 09-084873 [JP 9784873]  
FILED: April 03, 1997 (19970403)  
INTL CLASS: [6] G06F-019/00; A61G-012/00; A61J-001/14; A61J-003/00  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 14.4  
(ORGANIC CHEMISTRY -- Medicine); 28.2 (SANITATION -- Medical)  
JAPIO KEYWORD: R098 (ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD &  
BBD); R108 (INFORMATION PROCESSING -- Speech Recognition &  
Synthesis); R131 (INFORMATION PROCESSING -- Microcomputers &  
Microprocessors); R303

ABSTRACT

PROBLEM TO BE SOLVED: To enable a **patient** to accurately treat his or her illness as a **doctor** indicates by printing an outward appearance image of medicine and use and dosage **information** on the **medicine**.

SOLUTION: When dosing information is inputted through a voice input means D and transferred to an editing means 12 through a speech recognition means 14, the outward appearance image corresponding to the medicine included in the dosing information is automatically read out of a recording means 11 and integrated by the editing means 12 with use and dosage guide information and edited into specific format. Namely, the outward appearance image of the **medicine** and **relative information** at need are read out of a corresponding area of the recording means 11 according to the medicine code set for **individual** medicine as a key, and they are integrated and

edited. The integrated and edited information is displayed as print information on the screen of a screen display means 13 when necessary. In the case of need, the operator confirms that there is no error in the information on the screen and transfers the information to a printing means C. The printing means C gives a color print in a prescribed form to a prepared medicine bag.

28/5/56 (Item 56 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05942400 \*\*Image available\*\*  
DRUG STORE AND DRUG STORE INFORMATION SYSTEM

PUB. NO.: 10-225500 [JP 10225500 A]  
PUBLISHED: August 25, 1998 (19980825)  
INVENTOR(s): FUJII TADASHI  
TOGASHI NOBUYUKI  
APPLICANT(s): SYST CONSULTING SERVICE KK [000000] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 09-067173 [JP 9767173]  
FILED: February 14, 1997 (19970214)  
INTL CLASS: [6] A61J-003/00; G06F-017/60; G06F-019/00  
JAPIO CLASS: 14.4 (ORGANIC CHEMISTRY -- Medicine); 28.2 (SANITATION -- Medical ); 45.4 ( INFORMATION PROCESSING -- Computer Applications  
JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers); R303

## ABSTRACT

PROBLEM TO BE SOLVED: To indicate the safety and effectiveness of drugs at the time of commonly applying more than two drugs by providing the system with a means for selecting the names of applying medical supplies at the time of prescribing and preparing the medical supplies and retrieving and displaying superimposing and mutual operation information from the **relation** of the names with stored information.

SOLUTION: When more than two medical supplies are decided by a **doctor** based on an examination result so as to be prescribed, a system including a **personal** computer 2 is operated and more than two decided prescribed chemicals are selected from a medical supply sight table which is displayed in a display device 3. Various pieces of superimposing and mutual operation information are retrieved based on the selected prescribed chemicals in accordance with a retrieval flow. When more than one piece of information exists, which is related to more than one of other selected and prescribed chemicals, in the superimposing and mutual operation information, the whole information is displayed. The **doctor** judges priority by viewing display concerning the displayed superimposing and mutual operation information and prints- out the name of the decided medical supplies and applying superimposing and mutual operation information.

28/5/57 (Item 57 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05808600 \*\*Image available\*\*  
MEDICINE TAKING GUIDANCE **SUPPORT** SYSTEM

PUB. NO.: 10-091700 [JP 10091700 A]

PUBLISHED: April 10, 1998 (19980410)  
 INVENTOR(s): KUTSUMA NOBUAKI  
 APPLICANT(s): ASAHI KK [000000] (A Japanese Company or Corporation), JP  
 (Japan)  
 APPL. NO.: 08-243006 [JP 96243006]  
 FILED: September 13, 1996 (19960913)  
 INTL CLASS: [6] G06F-019/00; A61J-007/00  
 JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 28.2  
 (SANITATION -- Medical)  
 JAPIO KEYWORD: R098 (ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD &  
 BBD)

ABSTRACT

PROBLEM TO BE SOLVED: To accurately make a medical treatment, etc., without wrong usage, a wrong amount, etc., as a **doctor** indicates by previously storing a display means with an unspecific large number of pieces of **medicine information** and outward appearance images of medicines, and displaying an image of corresponding **medicine** and **relative information** on the **medicine** according to **individual** information from a managing means.

SOLUTION: The managing means A of a host computer 2 inputs **individual** dosing information or prescription information and manages the information as **individual** information, and transfers the information to a **personal** computer 3 through a serial line or LAN. A display means B of the **personal** computer 3 receives the lateral **individual** information from the managing means A and displays contents based upon the information. Here, the display means B is stored previously with an unspecific large number of **medicine information** and outward appearance image of respective medicines, and displays the image of the corresponding medicine and usage and dosing guidance **information** on the **medicine** according to the **individual** information from the managing means A, and a printing means C prints the screen information displayed by the display means B.

28/5/58 (Item 58 from file: 347)

DIALOG(R) File 347: JAPIO

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05697919 \*\*Image available\*\*  
 FACSIMILE EQUIPMENT

PUB. NO.: 09-312719 [JP 9312719 A]  
 PUBLISHED: December 02, 1997 (19971202)  
 INVENTOR(s): KONDO NORIHIKO  
 APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
 (Japan)  
 APPL. NO.: 08-148664 [JP 96148664]  
 FILED: May 20, 1996 (19960520)  
 INTL CLASS: [6] H04N-001/00; H04N-001/00; A61B-005/00; G06F-017/60;  
 H04M-011/00; H04N-001/21; H04N-001/32  
 JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 28.2  
 (SANITATION -- Medical); 44.4 (COMMUNICATION -- Telephone);  
 44.7 (COMMUNICATION -- Facsimile); 45.4 (INFORMATION  
 PROCESSING -- Computer Applications)  
 JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R098 (ELECTRONIC MATERIALS -- Charge  
 Transfer Elements, CCD & BBD)

ABSTRACT

PROBLEM TO BE SOLVED: To allow the user to acquire **medical information** such as number of **patients** awaiting medical treatment at present while

being resident at home by inputting information of diagnosis reception and end of diagnosis for each **patient** so as to manage number of **patients** awaiting medical treatment at present and sending the information through the facsimile equipment on request.

SOLUTION: A facsimile control section 2 increases/decreases number of **patients** awaiting medical treatment at present stored in a **patient** number management area of a storage section 3 to manage the number of **patients** awaiting medical treatment at present every time a magnetic card reader being an external read section 6 reads a consultation card (medical magnetic card). Upon the receipt of a signal requesting the service of **medical information** from a destination facsimile equipment, the facsimile equipment 1 inserts medical agency data, names of **doctors** at a present day, number of **patients** awaiting medical treatment at present and a waiting time till the treatment calculated based on the number of **patients** awaiting medical treatment at present and a diagnostic time required for one **patient** stored in the storage section 3 to a **medical agent information** service sheet stored in the storage section 3 and sends the resulting information to a facsimile equipment making a request of the service of **medical treatment information**.

28/5/59 (Item 59 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05644003 \*\*Image available\*\*  
METHOD FOR **SUPPORTING** CHINESE MEDICINE FORMULATION AND ITS SYSTEM

PUB. NO.: 09-258803 [JP 9258803 A]  
PUBLISHED: October 03, 1997 (19971003)  
INVENTOR(s): MARUTANI TAKAFUMI  
APPLICANT(s): KENSHIYODOU SEIYAKU KK [000000] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-064170 [JP 9664170]  
FILED: March 21, 1996 (19960321)  
INTL CLASS: [6] G05B-013/02; A61J-003/00; G06F-019/00  
JAPIO CLASS: 22.3 (MACHINERY -- Control & Regulation); 14.4 (ORGANIC CHEMISTRY -- Medicine); 28.2 (SANITATION -- **Medical**); 45.4 ( **INFORMATION** PROCESSING -- Computer Applications

#### ABSTRACT

PROBLEM TO BE SOLVED: To prepare a herd medicine with stable quality without special knowledge by unnecessitating the stock of a crude drug and medicine preparing machine parts.

SOLUTION: When a **patient** comes, a **pharmacist** accesses to a computer 3 by a terminal equipment 2 provided in **agents** T1-Tn, executes the question examination of general symptoms and main symptoms and tongue examination as against the **patient** in accordance with a prescribed format and input its result and medical card data such as the medicine history of the **patient**, etc. A host computer generates symptom result data and a medicine preparation list indicating plural medicine preparation candidates based on crude drug effect data, medicine preparation data and medical card data and the **pharmacist** of a medicine preparation center CC prescribes the crude drug based on the medicine preparation list and delivers the packed medicine to the **agents** T1-Tn or the place of the **patient**.

28/5/60 (Item 60 from file: 347)  
DIALOG(R)File 347:JAPIO

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04848851 \*\*Image available\*\*

SECURITY DEVICE OF HEALTH-CARE SYSTEM

PUB. NO.: 07-141451 [JP 7141451 A]

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INVENTOR(s): AIBA KAZUO

SAKANIWA KAZUHIKO

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APPL. NO.: 05-291011 [JP 93291011]

FILED: November 19, 1993 (19931119)

INTL CLASS: [6] G06F-019/00; G06F-017/60

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 28.2 (SANITATION -- Medical)

# ABSTRACT

PURPOSE: To secure the security of **personal** information on a user when the information is inquired from a medical institution, etc., being a **third party** to a center.

CONSTITUTION: When the **doctor** belonging to a medical institution 13-1 makes a call to the exclusive telephone set 17 of a center 11 via a public line 12 so as to inquire the **personal medical information**, etc., of a **patient** (a user), a service clerk 18 asks the **doctor** about the institution code of the medical institution and the concerned persons code that the **doctor** has. When the service clerk 18 inputs the institution code and the concerned persons code that he asks from the keyboard of an information controller 16, a data base is retrieved, and pertinent institution information and concerned persons information is displayed. The service clerk 18 confirms the displayed contents to an inquiring person, he further asks the inquiring person about the name code and the password of the **patient** if the confirmation is OK and inputs these matters. If these matters are OK, the **personal medical information**, etc., on the **patient** is read from the data base and is displayed.

28/5/61 (Item 61 from file: 347)

DIALOG(R) File 347:JAPIO

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04663556 \*\*Image available\*\*

MEDICAL DIAGNOSIS **SUPPORT** SYSTEM

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PUBLISHED: December 06, 1994 (19941206)

INVENTOR(s): YAMADA SHINICHI

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APPL. NO.: 05-126867 [JP 93126867]

FILED: May 28, 1993 (19930528)

INTL CLASS: [5] A61B-005/00; G06F-015/20; G06F-015/42

JAPIO CLASS: 28.2 (SANITATION -- **Medical** ); 45.4 ( **INFORMATION** PROCESSING -- Computer Applications

Search report

JAPIO KEYWORD:R011 (LIQUID CRYSTALS); R115 (X-RAY APPLICATIONS); R138  
(APPLIED ELECTRONICS -- Vertical Magnetic & Photomagnetic  
Recording); R139 (INFORMATION PROCESSING -- Word Processors)

ABSTRACT

PURPOSE: To enable to see inquiry information at the time of reading shadows by constituting a system so as to detect abnormalities by the use of a CAD from inputted image data, determine useful data for diagnosing abnormalities, and output inquiry, **medical record information**, especially **relative** to these abnormalilties.

CONSTITUTION: Information on inquiry and **medical record** is inputted from an inquiry information input means HI, and image data are inputted from an collecting means IA, sent to a data base DB, where information on inquiry and **medical record** is stored in a memory, while the image data are processed by a CAD, made to detect abnormalities to obtain a list of abnormality data. Then, when a **doctor** reads a shadow from a work station WS on each image datum, the image data are displayed and inquiry and **medical record information relative** to the abnormalities written therein is read out and outputted. The results of readings of the shadows are made to be data of findings, inputted and sent to the data base DB, where they are registered.





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